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# Saudi National Bibliography

Non Arabic Languages  
(1945 - 1995)



Part 16

Science, Technology, Arts, Literature, Geography, Biography, and History

Compiled by  
Indexing and National Bibliography Department

Riyadh  
1419 A.H./1998







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501.6

**S 27 Science tracer bullets : a reference guide**

1990 to scientific, technological, health, and environmental information sources/ edited by Helene Henderson .- Detroit, Mich.: Omnigraphics, 1990. 4 v. ; 29 cm.

Contents: v. 1. Earth and natural sciences - v. 2. High technology - v.3. Medical and biological sciences - v. 4. Socio-political aspects of science and technology.

ISBN 1-55888-925-6 (set)

1. Science - Bibliography - Catalogs.
2. Technology - Bibliography - Catalogs.
3. Health - Bibliography - Catalogs.
4. Life sciences - Bibliography - Catalogs.
5. LC Science tracer bullet - Catalogs.
6. العلوم - بيبليوجرافيات - فهراس. I. Henderson, Helene, ed. II. Library of Congress. Science and Technology Division. Reference Section, corp.

**03206**

501.6

**B 311 Batanouny, K. H.**

1978 Natural history of Saudi Arabia: a bibliography/ K.H. Batanouny.- 1st ed.- Jeddah: King Abdulaziz University, 1978. xii, 113 p. ; 25 cm.

1. Biology - Saudi Arabia - Bibliography.
2. Natural history - Saudi Arabia - Bibliography.
3. التاريخ الطبيعي - السعودية - بيبليوجرافيات. I. Title

**03207**

507

**S 35 Sughayer, Husa**

1989 Science education and the medium of instruction: does the language of instruction affect science achievement?/ Husa Sughayer, 1989.

180 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1989. - Bibliography: l. 177-180.

1. Science - Study and teaching.

2. Science - Study and teaching - Saudi Arabia. 3. العلوم - طرق التدريس - السعودية. I. Title

**03208**

507.10531

**M 458 Al-Mazyed, Mazyed Ibrahim**

1975 Science education in public secondary schools in Saudi Arabia perceived by science teachers and science students/ by Mazyed Ibrahim Al-Mazyed, 1975.

xiv, 251 leaves ; 21 cm.

Thesis (Ph.D.) - University of Oregon, 1975. - Also available microfiche no. 873. - Bibliography: l. 243-251.

1. Science - Study and teaching (Secondary) - Saudi Arabia. 2. العلوم - طرق التدريس - السعودية. I. Title

**03209**

507.11531

**G 341 Al-Ghafis, Ali N.**

1991 Universities in Saudi Arabia : their role in science, technology, and development/ by Ali N. Alghafis, 1991.

xii, 173 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1991. - Bibliography: l. 162-173.

1. Technology - Study and teaching - Saudi Arabia. 2. Universities and colleges - Saudi Arabia. 3. Science - Study and teaching (Higher) - Saudi Arabia. 4. العلوم - تعليم - السعودية. I. Title

**03210**

507.11531

**K 58 King Abdulaziz University. Faculty of Science (Jeddah)**

Faculty of Science handbook : B.Sc. programmes and course descriptions/ Faculty of Science, King Abdulaziz University.- Jeddah : King Abdulaziz University, 1981.

89 p. ; 24 cm.

1. Universities and colleges - Saudi Arabia - Curricula. 2. Science - Study and

- teaching (Higher) - Saudi Arabia. 3. King Abdulaziz University. Faculty of science - Curricula. 4. العلوم - تعليم - السعودية. I. Title  
**03211**
- 507.12531  
**A 32 Al-Abdulhadi, Abdulhadi Saad**  
1989 Program articulation between secondary schools and universities as perceived by science teachers in Saudi Arabia/ by Abdulhadi Saad Al-Abdulhadi, 1989.  
2 v.(xiv, 552 leaves) ; 28 cm.  
Thesis (Ph.D.) - Ohio State University, 1989. - Also available microfiche no. 2583. - Bibliography: 1. 546-52.  
1. Science - Study and teaching (Secondary) - Saudi Arabia. 2. Science - Study and teaching (Higher) - Saudi Arabia. 3. Science teachers - Saudi Arabia - Attitudes. 4. Physics teachers - Saudi Arabia - Attitudes. 5. طرق التدريس. I. Title  
**03212**
- 507.12531  
**H 963 Al-Hussain, Abdullah Ali**  
1983 An analysis of the science curriculum in public secondary schools in Saudi Arabia as perceived by Saudi science students in the United States/ by Abdullah Ali Al-Hussain, 1983.  
xvi, 216 leaves ; 29 cm.  
Thesis (Ph.D.) - University of Oregon, 1983. - Also available microfiche no. 30. - Bibliography: 1. 206-216.  
1. Science - Study and teaching (Secondary) - Saudi Arabia. 2. Education, Secondary - Saudi Arabia - Curricula. 3. Public schools - Saudi Arabia. 4. - العلوم - طرق التدريس. I. Title  
**03213**
- 507.12531  
**M 725 Al-Mohaisin, Ibrahim Abdullah**  
1993 Introducing computers into secondary school science in Saudi Arabia: teachers' views, some problems and possible solutions/ by Ibrahim Abdullah Al-Mohaisin, 1993.  
365 leaves ; 30 cm.  
Thesis (Ph.D.) - University of Hull, 1993. - Includes bibliography.  
1. Science - Saudi Arabia - Computer-assisted instruction. 2. Science - Study and teaching (Secondary) - Saudi Arabia. 3. العلوم - تعليم - السعودية. I. Title  
**03214**
- 507.12531  
**M 54 Merebah, Saad A.A.**  
1987 Cooperative learning in science : a comparative study in Saudi Arabia/ by Saad A.A. Merebah, 1987.  
ix, 242 leaves ; 29 cm.  
Thesis (Ph.D.) - Kansas State University, Manhattan, 1987. - Also available microfiche no. 1653. - Copy two in 2 volumes. - Bibliography: 1. 147-166.  
1. Science - Study and teaching (Secondary). 2. Science - Study and teaching (Secondary) - Saudi Arabia. 3. التعليم الثانوي - العلوم. I. Title  
**03215**
- 507.1253111  
**R 183 Al-Rasheed, Abdullah Ahmad**  
1983 An investigation of the general affective behavior toward science held by secondary school scientific section students at Riyadh city, Saudi Arabia/ by Abdullah Ahmad Al-Rasheed, 1983.  
xvi, 153 leaves ; 28 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1983. - Also available microfiche no. 2299. - Bibliography: 1. 149-153.  
1. Science - Study and teaching (Secondary) - Riyadh. 2. Science - Study and teaching (Secondary). 3. كـتـب - العلوم - دراسية - السعودية. I. Title  
**03216**

507.13531

R 183 **Al-Rashed, Ibrahim Mohammad**

1984 Influence of teacher wait-time and question level on eighth grade students' science achievement and attitudes toward science in Saudi Arabia/ by Ibraheem Mohammad El-Rashed, 1984.

viii, 275 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Indiana University, 1984. - Also available microfiche no. 939.

- Bibliography: 1. 118-27.

1. Teaching - Saudi Arabia - Technique.
2. Science - Study and teaching (Secondary) - Saudi Arabia.
3. Saudi Arabian students - Attitudes.
4. Children's questions and answers.
5. Science teachers - Saudi Arabia.
6. المعلم - تعليم - I. Title

**03217**

507.2

K 58 **King Abdulaziz University (Al-Madina Al-Munawarah)**. College of education

Scientific and educational research programmes/ College of Education, King Abdulaziz University, Madinah Munawarah.- Al-Madinah Al-Munawwarah: King Abdulaziz University, [19-].

[5] ... 368 p. : ill. ; 25 cm.-

(Scientific research series ; no. 1).

Summaries and title in Arabic: برامج الأبحاث العلمية والتعليمية - Includes bibliographical references.

1. Research.
2. Science - Study and teaching.
3. Education - Research.
4. المعلم - بحوث - I. Title II. Title: برامج الأبحاث العلمية والتعليمية III. Series

**03218**

507.2053123

R 311 **Researches in science King Abdul Aziz**

1987 University/ editorial board: Abdel Elah A. Banafa ... [et al.] - Jeddah: Scientific Publishing Centre King AbdulAziz University, 1987.

vii, 308 p. : ill., photo. ; 24 cm.

Some text in Arabic language. - Includes bibliographical references.

1. Science - Saudi Arabia.
2. King Abdulaziz University - Research.
3. Research - Saudi Arabia.
- I. Banaja, Abdel Elah Abdul Aziz, ed.

**03219**

507.20953137

S 85 **Saudi Arabian T. V.**

[199-] Research Institute [videorecording]/ ARA International Productions Co.- Riyadh: ARA International Productions, [199-].

1 videocassette (ca. 45 min.) : sd., col.- (Saudi).

1. King Fahd University of Petroleum and Minerals. Research Institute.
2. Science - Research - Saudi Arabia.
- I. Kassim, Medhat, d. II. ARA International Productions, prod. III. Title IV. Series

**03220**

507.809531

K 84 **Al - Korashi, Salim K.**

1987 A Survey of the math and science centers' program of the Ministry of Education of Saudi Arabia/ by Salim K. Al-Korashi, 1987.

xi, 206 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1987. - Also available microfiche no. 263. - Bibliography: 1. 203-206.

1. Mathematics - Study and teaching - Saudi Arabia.
2. Mathematics - Research - Saudi Arabia.
3. Science projects - Saudi Arabia.
4. Education, Higher - Research - Saudi Arabia.
5. الرياضيات - تعليم - السعودية - I. Title

**03221**

510

In 8 **International Conference on Mathematics**

1982 In the Gulf Area (1st : 1982 : Riyadh)

Abstracts of the First International Conference on Mathematics in the Gulf

Area, 17-21 October, 1982/ sponsored by Arab Bureau of education for the Gulf states; King Saud University.- Riyadh : King Saud University, 1982.

88 p. : ill., map ; 24 cm.

Arabic title: ملخصات بحوث المؤتمر العالمي للرياضيات في منطقة الخليج العربي. - Includes bibliographies and index.

1. Mathematics - Congresses. 2. الرياضيات. مؤتمرات. I. Arab Bureau of Education for The Gulf States, corp. II. Title III. Title: ملخصات بحوث المؤتمر العالمي للرياضيات في منطقة الخليج العربي

**03222**

510

In 8 International Conference on Mathematics 1982 In the Gulf Area (1st : 1982 : Riyadh)

Proceedings of the first International Conference on Mathematics in the Gulf area : Riyadh - Saudi Arabia 17-21 October, 1982/ editor Yousef Al-Khamees.- Riyadh : The Arab Bureau of Education for the Gulf States, 1982.

ix, 355 p. ; 24 cm.

Includes bibliographical references.

1. Mathematics - Arabian Gulf Region - Congresses. I. Al-Khamees, Yousef, ed. II. Title

**03223**

510

In 8 International Conference of Mathematics 1982 (1st: 1982: Riyadh)

Programme : First International Conference of Mathematics in Riyadh 17-21 Oct. 82.- Riyadh : Arab Bureau of Education for the Gulf States, 1982.

42 p. ; 17X23 cm.

Text in English and Arabic.

1. Mathematics - Congresses. I. Title

**03224**

510.285

Or 1 Al-Oraity, Abdulrahman, S.

1984 The effect of computer literacy on problem

solving in mathematics : an analysis of NAEP data/ by Abdulrahman Al-Oraity, 1984.

vii, 185 leaves ; 28 cm.

Thesis (Ph.D.) - University of Denver, 1984. - Also available microfiche no. 85. - Bibliography: l. 139-145.

1. Mathematics - Data processing. 2. Computer literacy. 3. معالجة البيانات. I. Title

**03225**

510.3

D 561 Dictionary of mathematics terms = 1979 Dictionnaire des termes de mathématiques

= معجم مصطلحات الرياضيات / Arab Organization of Education, Culture and Sciences. - [Baghdad]: Iraqi Academy Press, 1979.

178 p. ; 24 cm.- (The unified dictionary of scientific terms for general education levels ; v. 1).

Foreword in Arabic. - Text in English, French and Arabic.

1. Mathematics - Dictionaries - Polyglot. 2. Mathematics - Terminology. 3. الرياضيات - مصطلحات. I. Iraqi Academy Publications, corp. II. Arab Organization of Education Culture and Science, corp. III. Saudi National Commission for Unesco, corp. IV. Title: Dictionnaire des termes de mathématiques V. Title: معجم مصطلحات الرياضيات VI. Series

**03226**

510.7073

A 32 Abdulaziz, Osama E. E.

1990 The reforms of mathematics education in the U.S.A. since the late 1950s until the 1980s/ Osama E.E. Abdulaziz, 1990.

57 leaves ; 28 cm.

Thesis (M.Sc.) - Indiana University, 1990. - Also available microfiche no. 3606. - Includes bibliography.



1. Mathematics - Study and teaching - United States. I. Title

**03227**

510.71

S 41 Al-Shehri, Thafer Farrag Hazzaa

1990 The art of problem solving in mathematics curriculum/ by Thafer Farrag Hazzaa Al-shehri, 1990. v, 77 leaves ; 28 cm.

Thesis (M. Sc.) - Indiana University, 1990. - Bibliography: l. 67-77.

1. Mathematics - Study and teaching.  
2. Problem solving. I. Title

**03228**

510.711531

A 77 Al-Ajrroush, Hamad Ali

[19-] Proposed mathematics curriculum for the Saudi Arabian intermediate schools/ by Hamad Ali Al-Ajrroush, [19-]. 23, [50] leaves ; 29 cm.

Thesis (M.Sc.) - University of Wisconsin. - Also available microfiche no. 1444. - Includes bibliography at the end.

1. Mathematics - Study and teaching (Higher) - Saudi Arabia. 2. Education - Saudi Arabia - Curricula. 3. الرياضيات - طرق التدريس - السعودية. I. Title

**03229**

510.711531

B 119 Al-Babtain, Ibrahim A.

1980 A survey of mathematics curriculum of junior colleges for training of the elementary teacher in Saudi Arabia/ by Ibrahim A. Al. Babtain, 1980.

vii, 139 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Wyoming, 1980. - Also available microfiche no. 656. - Bibliography: l. 100-103.

1. Mathematics - Study and teaching (Elementary) - Saudi Arabia. 2. Mathematics - Study and teaching (Elementary). الرياضيات - تعليم. 4. السعودية - I. Title

**03230**

510.711531

K 851 King Faisal Air Academy. Academic Wing

Mathematics 2 : student notes/ King Faisal Air Academy.- Riyadh : King Faisal Air Academy, 1989.

various pagings : ill. ; 30 cm.

1. Mathematics - Study and teaching (Higher) - Saudi Arabia. I. Title

**03231**

510.711531

K 851 King Faisal Air Academy. Academic Wing

[19-] Mathematics 3 : workbook = كراسة الرياضيات 3 : كراسة التمارين King Faisal Air Academy.- Riyadh : King Faisal Air Academy, [19-].

various pagings : ill. ; 30 cm.

1. Mathematics - Study and teaching (Higher) - Saudi Arabia. I. Title. II. Title: كراسة رياضيات 3 : كراسة التمارين

**03232**

510.712531

A 68 Azouz, Abdul-Aziz Hamed

1977 An attitudinal study of mathematics teacher effectiveness in the intermediate schools of the Kingdom of Saudi Arabia/ Abdul-Aziz Hamed Azouz, 1977.

xv, 222 leaves ; 29 cm.

Thesis (Ph.D.) - University of Northern Colorado, 1977. - Also available microfiche no. 1929. - Bibliography: l. 216-222.

1. Mathematics - Study and teaching (Higher) - Saudi Arabia. 2. تعليم الرياضيات - السعودية. I. Title

**03233**

510.712531

D 535 Dhafar, Abdulrazzag Ahmad

1982 A Study of how supervisors' evaluations, teachers' behavior, and students' attitudes toward teachers are related to instructionally effective teachers of ninth-grade mathematics/ by Abdulrazzag Ahmed Dhafar, 1982.

- vii, 137 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Michigan State University, 1982. - Also available microfiche no. 1032. - Bibliography: l. 126-137.
1. Mathematics - Study and teaching (Secondary) - Saudi Arabia.
  2. Teacher-student relationships - Saudi Arabia.
  3. Teachers - Evaluation . 4. - الرياضيات العربية - تعليم . I. Title
- 03234**
- 510.712531  
**H 275 Hassan, Bakr Ahmad**  
1979 Secondary mathematics teacher education programs in Saudi Arabia/ by Bakr Ahmed Hassan, 1979.  
2 v.(xvi, 273 leaves) ; 28 cm.  
Thesis (Ph.D.) - University of Oregon, 1979. - Also available microfiche no. 840. - Bibliography: l. 270-273.
1. Mathematics - Study and teaching (Secondary) - Saudi Arabia.
  2. - الرياضيات العربية - تعليم . I. Title
- 03235**
- 510.712531  
**M 289 Makoshi, Abdullah Abdar-Rahman**  
1978 An analysis of the mathematics curriculum in the public secondary schools in Saudi Arabia/ by Abdullah Abdar-Rahman Makoshi, 1978.  
xiv, 172 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1978. - Also available microfiche no. 150. - Bibliography: l. 169-171.
1. Mathematics - Study and teaching (Secondary) - Saudi Arabia.
  2. Mathematics - Curricula.
  3. Mathematics - Study and teaching (Secondary).
  4. - رياضيات - تعليم . I. Title
- 03236**
- 510.78  
**S 32 Shebl, Abdulla Hamad**  
1978 Development of a model for a mathematics laboratory in Saudi Arabia/ by Abdulla Hamad Shebl, 1978.  
ix, 117 leaves ; 28 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1978. - Also available microfiche no. 31. - Bibliography: l. 111-115.
1. Mathematics - Study and teaching - Saudi Arabia.
  2. Mathematics - Research - Saudi Arabia.
  3. - الرياضيات - مختبرات العربية . I. Title
- 03237**
- 510.9  
**D 131 Daffa, Ali Abdullah.**  
1973 A brief history of Arabian contributions to mathematics/ by Ali A. Daffa, 1973.  
vii, 178 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Graduate School George Peabody College for Teachers, 1973. - Also available microfiche no. 192. - Bibliography: l. 160-178.
1. Mathematics - History.
  2. Mathematics, Arab - History.
  3. تاريخ الرياضيات . I. Title
- 03238**
- 510.953  
**D 131 Al-Daffa, Ali Abdullah**  
1977 The Muslim contribution to mathematics/ Ali Abdullah Al-Daffa. - London : Croom Helm, 1977.  
121 p. : ill. ; 23 cm.  
Bibliography: p. 103-118. - Includes index.  
ISBN 0-85664-464-1
1. Mathematics - History.
  2. الرياضيات عند المسلمين . I. Title
- 03239**
- 510.953  
**Or 1 Al-Orainy, Abdulrahman.S.**  
1981 A brief historical survey of the Arab contribution to the development of mathematics/ A.S. Al-Orainy, 1981.  
31, [10] leaves ; 29 cm.  
Thesis (M.A.) - University of Denver, 1981. - Also available microfiche no. 85.
1. Mathematics - Arab countries - History.
  2. الرياضيات عند المسلمين . I. Title
- 03240**

511.322

B 148 Ba-humroz, Asma Mohammed

1992 Set covering problems with general and special structure/ by Asma Mohammed Ba-humroz, 1992.

x, 220 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of London, 1992. - Bibliography: l. 202-218.

1. Set theory. 2. Algorithms. 3. Algebra, Abstract. 4. Logic, Symbolic and mathematical. 5. نظرية المجموعات. I. Title

03241

511.324

T 326 Al-Thagafi, Mohammed Ahmed Omar

1987 Continuous measures and prime L-subalgebras of  $M(G)$  associated with scattered sets/ by Mohammed Ahmed Omar Al-Thagafi, 1987.

iv, 40 leaves ; 29 cm.

Thesis (Ph.D.) - Kansas State University, 1987. - Also available microfiche no. 1919. - Bibliography: l. 40.

1. Set theory. 2. Algebra, Boolean. 3. Mathematics. 4. نظرية المجموعات. I. Title

03242

511.324

Ob 2 Obaid, Ali Mustafa

1990 Fastings and centeria of orthoalgebras/ Mustafa Ali Obaid, 1990.

iv, 63 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Kansas State University, 1990. - Bibliography: l. 61-63.

1. Algebra, Boolean. 2. Algebra, Abstract. 3. Lattice theory. I. Title

03243

511.4

S 19 Sahab, Salem M. Ahmed

1981 Best Lp-approximation to continuous and Quasi-continuous functions by monotone increasing functions/ by Salem M. Ahmed Sahab, 1981.

vi, 68 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1981. - Also available microfiche no. 1076. - Bibliography: l. 68.

1. Approximation theory. 2. الرياضيات نظريات -. I. Title

03244

511.42

F 33 Al-Felali, Ahmed S.

1985 Application of splines to the isotherm migration method in two dimensions/ by Ahmed S. Alfelali, 1985.

iii, 157 leaves : ill. ; 30 cm.

Thesis (M. Sc.) - University of Manchester, 1985. - Bibliography: l. 148-157.

1. Splines. 2. Spline theory. 3. Interpolation. I. Title

03245

511.42

B 291 Bash-Ayan, Ahmed Burhanaldin

1983 Algorithms for the interpolation of scattered data on the plane/ Ahmed Burhanaldin Bash-Ayan, 1983.

227, [130] leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Brighton Polytechnic, 1983. - Bibliography: l. 222-227.

1. Algorithms. 2. Interpolation. 3. Numerical integration. I. Title

03246

511.8

H 412 Al-Heraish, Abdulmohsen A.

1988 Digital implementation of the LMS and RLS adaptive algorithms/ by Abdulmohsen A. Alheraish, 1988.

97, [10] leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Missouri-columbia, 1988. - Also available microfiche no. 2396. - Includes bibliography.

1. Algorithms. 2. Mathematical models. 3. Simulation methods. 4. النماذج الرياضية. I. Title

03247

511.8

K 527 Al-Khamees, Hanan Mohamed

1986 Some simulations of parallel algorithms/

- by Hanan Mohamed Al-Khamees, 1986.  
vi, 74 leaves ; 30 cm.  
Thesis (M.Sc.) - Kuwait University,  
1986.  
1. Mathematics. 2. الرياضيات. I. Title  
**03248**
- 511.8  
**M 88 Al-Mualim, Husein Saleh**  
1993 Concept coverage and its application  
to two learning tasks/ by Hussein Saleh  
Almualim, 1993.  
181 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Oregon State University,  
1993. - Bibliography: l. 163-167.  
1. Algorithms. 2. Algebra. 3. الخوارزميات. I. Title  
**03249**
- 511.8  
**F 179 Fakeih, Adnan M.**  
1993 The application of genetic algorithms  
to the steiner problem in graphs/ by  
Adnan M. Fakeih, 1993.  
64 leaves ; 29 cm.  
Thesis (M.Sc.) - University of  
Southampton, 1993. - Bibliography: l. 62-64.  
1. Algorithms - Computer programs.  
2. External problems (Mathematics).  
3. الخوارزميات. I. Title  
**03250**
- 512  
**M 66 Al-Amody, Shifa Abo-Bakr**  
1995 On the theory of BCK-algebras/ by  
Shifa Abo-Bakr Al-Amody, 1416 H, 1995.  
x, 135 leaves ; 29 cm.  
Thesis (M.Sc.) - King Abdulaziz  
University, 1995. - With introduction and  
title in arabic : BCK - حول نظرية جبر  
Bibliography: l. 134-135.  
1. Algebra. 2. BCK-algebras.  
3. Mathematics. I. Title. II. Title: حول  
نظرية جبر  
**03251**
- 512  
**N 134 Al-Naggar, Ibtisam M. Abu-Sulayman**  
1989 An introduction to algebraic limits/ by  
Ibtisam M. Abu-Sulayman Al-Naggar,  
1989.  
75 leaves : ill. ; 28 cm.  
Thesis (M.A.) - Wayne State  
University, 1989. - Also available  
microfiche no. 2607. - Bibliography: l. 75.  
1. Algebraic logic. 2. Algebraic fields.  
3. الجبر. I. Title  
**03252**
- 512 00285416  
**G 341 Al-Ghamdi, Yousif Abdullah Sanad**  
1987 Effectiveness of using microcomputers  
in learning algebraic precedence conventions/  
by Yousif Abdullah Sanad Al-Ghamdi, 1987.  
2 v.(ix, 287 leaves) ; 29 cm.  
Thesis (Ph.D.) - Florida State University,  
1987. - Also available microfiche no. 634. -  
Bibliography: l. 108-113.  
1. Algebra - Computer programs.  
2. Mathematics - Computer programs.  
3. معالجة البيانات. I. Title  
**03253**
- 512.2  
**A 78 Al-Amri, Ibrahim Rasheed**  
1992 Computational methods in permutation  
group theory/ by Ibrahim Rasheed Al-Amri,  
1992.  
212 leaves ; 30 cm.  
Thesis (Ph.D.) - University of St.  
Andrews, 1992. - Bibliography: l. 207-212.  
1. Group theory. 2. Permutation  
groups. 3. الجبر. I. Title  
**03254**
- 512.2  
**S 42 Al-Solbi, Ahmad Nasser**  
1994 Finite transitive groups of rank 3/  
Ahmad Nasser Al-Solbi, 1414 H, 1994.  
vii, 66 leaves ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz  
University, 1994. - With introduction in

- Arabic and title : الزمر الانشائية المنتهية من الرتبة : الثالثة . - Bibliography: I. 64-66.  
1. Group theory. 2. Permutation groups.  
3. Algebra. 4. Finite groups. I. Title. II. Title:  
الزمر الانشائية المنتهية من الرتبة
- 03255**
- 512.2  
K 527 **Khammash, Ahmed A.**  
1984 Categories of finite representation type/  
Ahmed A. Khammash, 1984.  
53 leaves ; 30 cm.  
Thesis (M.Sc.) - University of  
Warwick, 1984. - Bibliography: I. 53.  
1. Abelian groups. 2. Abelian categories.  
I. Title
- 03256**
- 512.4  
H 988 **Al-Huzali, Abdullah H.**  
1991 A study on the weak relative injectivity  
of rings and modules/ by Abdullah H. Al-  
Huzali, 1991.  
ix, 71 leaves : ill. ; 29 cm.  
Thesis (Ph.D.)- Ohio University,  
1991. - Bibliography: I. 69-71.  
1. Rings (Algebra). 2. Modules  
(Algebra). 3. الجبر التفاضلي. I. Title
- 03257**
- 512.4  
K 115 **Al-Kadhi, Mohammed A.**  
1987 Valuation theory of commutative  
monoids/ Mohammed A. Al-Kadhi;  
supervisor. Merle E. Manis ... [et al]. -  
Missoula, Mont. : University of Montana,  
1987.  
vii, 141 p. ; 28 cm.  
Thesis (Ph.D.) - University of Montana,  
1987.  
1. Mathematics. 2. Algebra. 3. الجبر.  
I. Title
- 03258**
- 512.4  
K 112 **Kably, Abdel-karim M.S.**  
1982 Extensions of the classical index/ By  
Abdel-Karim M.S. Kably, 1982.  
iv, 26 leaves : ill. ; 28 cm.  
Thesis (Ph.D.)- Clark University, 1982.  
- Also available microfiche no. 1401. -  
Bibliography: I. 26.  
1. Group extensions (Mathematics).  
2. الجبر. I. Title
- 03259**
- 512.4  
S 45 **Samman, Mohammad Salem**  
1992 Commutativity theorems for rings and  
related topics/ by Mohammad Salem  
Samman, 1992.  
82 leaves ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz  
University, 1992. - Bibliography: I. 79-82.  
1. Commutative rings. 2. Rings  
(Algebra). 3. Algebraic number theory.  
4. الدوائر (الجبر). I. Title
- 03260**
- 512.522  
S 46 **Sejeeni, Fowzi Ahmad**  
1986 Best approximation in  $C(T)$  - modules/  
Fowzi Ahmed Sejeeni; supervisor. Gerhard  
Gierz, 1986.  
vii, 78 leaves : ill. ; 27 cm.  
Thesis (Ph.D.) - University of California,  
1986.  
1. Mathematics. 2. الرياضيات. I. Title
- 03261**
- 512.55  
M 17 **Al-Moajil, Abdullah Hamad**  
1973 Nilpotency and quas nilpotency in  
Banach algebras/ by Abdullah Hamad  
Al-Moajil, 1973.  
v, 71 leaves ; 29 cm.  
Thesis (Ph.D.) - University of  
Oregon, 1973. - Also available microfiche  
no. 1446. - Bibliography: I. 71.  
1. Quasigroups. 2. Nilpotent groups.  
3. Branch Algebras. 4. نظرية المجموعات.  
I. Title
- 03262**

512.55

K 131 **Kandil, Fatma Maatoug**

1984 Representations of the  $11$  - algebra of an inverse semi-group/ Fatma Maatoug Kandil, 1984.

ii, 59 leaves ; 30 cm.

Thesis (M.A.) - University of Sheffield, 1984. - Bibliography: l. 59.

1. Banach algebras. 2. Banach spaces. 3. Hilbert space. I. Title

03263

512.55

K 146 **Karimjee, Yusufali Karim**

1994 A clustering-based algorithm for the rectilinear steiner tree problem/ by Yusufali Karim Karimjee, 1994.

x, 101 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 93-100.

1. Cluster analysis - Computer programs. 2. Topological algebras. 3. Neural networks (Computer science). 4. Heuristic programming. I. Title

03264

512.550285

J 328 **Javeed, Shah Imaduddin**

1993 An  $L_p$ -based procedure for graph isomorphism/ Shah Imaduddin Javeed, 1993. vii, 73, [14] leaves ; 28 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 61-66.

1. Isomorphisms (Mathematics) - Data processing. 2. Morphisms (Mathematics) - Data processing. 3. Graph theory - Data processing. 4. Algebras, Linear. 5. الجبر الخطي. I. Title

03265

512.74

Z 13 **Zahran, Hisham Ibrahim**

1979 The general Fermat problem for Dr. Anthony E. Labarre, Jr. Math 298/ by Hisham Ibrahim Zahran, 1979.

50 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, Fresno, 1979. - Also available microfiche no. 1131. - Bibliography: l. 51.

1. Fermat's theorem. 2. Algebraic number theory. 3. نظرية الأعداد. I. Title

03266

512.922

Y 1 **Al-Yahya, Yahya Abudllah**

1984 Matching and covering algorithms/ by Yahya Abdullah Al-Yahya, 1984.

xiv, 183 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1984. - Also available microfiche no. 627. - Bibliography: l. 182-183.

1. Algorithms. 2. Programming (Mathematics). 3. الرباطيات. I. Title

03267

512.942

A 24 **Akbik, Safwan**

1988 Large prime divisors and irreducible polynomials over number fields/ by Safwan Akbik, 1988.

80 leaves ; 28 cm.

Thesis (Ph.D.) - New York University, 1988. - Also available microfiche no. 2088. - Bibliography: l. 80.

1. Polynomials. 2. Equations, Theory of. 3. المعادلات الجبرية. I. Title

03268

512.942

A 44 **Asiry, Mansour A.**

1989 On optimal monosplines with a maximal number of zeros/ by Mansour A. Asiry, 1989. vii, 41 leaves ; 28 cm.

Thesis (Ph.D.) - University of Oregon, 1989. - Also available microfiche no. 2520. - Bibliography: l. 40-41.

1. Zero (The number). 2. Equations - Numerical solutions. 3. Algebraic number theory. 4. الصفر. I. Title

03269

512.942

**B 268 Baroum, Ahmed Mohammed**

1974 Chromatic polynomials and their properties/ by Ahmed Mohammed Baroum, 1974.

118 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Maine at Orno, 1974. - Also available microfiche no. 1202. - Bibliography: l. 116-117.

1. Polynomials. 2. Algebra - Graphic method. 3. Graph theory. 4. المعادلات الجبرية. I. Title

**03270**

512.942

**K 969 Kutbi, Mirwan Amin**

1992 Bounds for the modulus of polynomials with zeros prescribed on the unit circle/ by Mirwan Amin Kutbi, 1992.

ii, 94 leaves : ill. ; 30 cm.

Thesis (M. Sc.) - University College of Swansea, 1992. - Bibliography: l. 92-94.

1. Polynomials. 2. المعادلات الجبرية. I. Title

**03271**

512.9434

**B 148 Al-Bahrani, Abdallah Husain**

1978 Some results on sparse random matrices/ Abdallah H. Al-Bahrani, 1978.

i, 50 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Wisconsin, 1978. - Bibliography: l. 50.

1. Sparse matrices - Data processing. 2. Random matrices. 3. Matrices. I. Title

**03272**

512.9434

**J 31 Al-Jasem, Waleed Ebrahim**

1993 On the second smallest eigenvalue of the laplacian/ by Waleed Ebrahim Al-Jasem, 1993.

v, 63 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 62-63.

1. Eigenvalues. 2. Matrices. 3. Laplace transformation. 4. المصفوفات. I. Title

**03273**

514

**R 183 Al-Rasasi, Ibrahim H.**

1995 Local properties of some polynomial classes of harmonic mappings/ by Ibrahim H. Al-Rasasi, 1995.

v, 58 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals. - Bibliography: l. 58.

1. Harmonic maps. 2. Mappings (Mathematics). I. Title

**03274**

514.223

**F 33 Felali, K.S.**

1982 Intersection points of immersed manifolds/ K.S. Felali, 1982.

129 leaves ; 30 cm.

Thesis (Ph.D.) - University of Manchester, 1982. - Bibliography: l. 126-129.

1. Manifolds (Mathematics). 2. Homotopy theory. 3. Homology theory. 4. Immersions (Mathematics). I. Title

**03275**

514.224

**B 23 Al-Bar, M.**

1981 On analogues of the braid group/ by M. Albar, 1981.

iii, 72 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Nottingham, 1981. - Bibliography: l. 71-72.

1. Braid theory. I. Title

**03276**

514.3

**H 212 Harasani, Hamed Ali**

1986 Topos theoretic methods in general topology/ Hamed Ali Harasani, 1986.

ca. 122 leaves ; 30 cm.

Thesis (Ph. D.) - University College of North Wales, 1986. - Includes bibliography..

1. Topological spaces. 2. Topology. I. Title

**03277**

514.3

**L 334 Lasheen, Eanas Fouda**

1995 On pairwise regularity/ by Eanas Fouda Lasheen.- Makkah al-Mukarramah: Umm Al-Qura University, 1415 H, 1995. 14 p. : ill. ; 24 cm.- (Applied and Engineering sciences series).

With abstract in Arabic. - Bibliography: p. 12-13.

ISBN 9960-03-037-7 ISSN 1319-3708

1. Topological spaces. I. Title II. Series

**03278**

514.3

**S 15 Shakhs, Adnan Abduredha**

1984 Conditions under which a sigma-space is A sigma -space/ by Adnan Abduredha Shakhs, 1984.

iv, 75 leaves ; 29 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1984. - Also available microfiche no. 1426. - Bibliography: l. 74-75.

1. Topological spaces. 2. Topology. 3. التوبولوجيا. I. Title

**03279**

514.32

**S 23 Sharaf, Khadejah Abdullah**

1995 On some generalizations of continuity/ by Khadejah Abdullah Sharaf, 1416 H, 1995.

vii, 70, 6 leaves ; 31 cm.

Thesis (M.Sc.), King Abdulaziz University, 1995.

1. Continuity. 2. Topological spaces. I. Title II. Title: حول بعض تعميمات الاتصال

**03280**

514.3202

**S 13 Al-Sabban, Huda Abdullah**

1995 Some properties of quasi-uniform spaces/ by Huda Abdullah al-Sabban, 1995.

vi, 70 leaves : ill. ; 31 cm.

With abstracts and title in Arabic: بعض خصائص الفراغات شبه المنتظمة

(M.Sc.) - King Abdulaziz University, 1995. - Bibliography: l. 68-70.

1. Quasi-uniform spaces. 2. Uniform spaces. 3. Topological spaces. I. Title.

II. Title: بعض خصائص الفراغات شبه المنتظمة

**03281**

515.243

**A 12 Alawi, Ali Mohammed Hussein**

1993 Generalizations of some methods of summability/ by Ali Mohammed Hussein Alawi, 1993.

vii, 52, [7] leaves ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - With summary and title in Arabic: تعميمات لبعض طرق التجميع. - Bibliography: l. 51-52.

1. Summability theory. 2. Series. 3. Sequences (Mathematics). I. Title II. Title: تعميمات لبعض طرق التجميع

**03282**

515.243

**Oj 1 Ojan, Husain Ali**

1992 Orthogonal grid generation in three dimensions/ by Hussin Ali Ojan, 1992.

ix, 146 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1992. - Bibliography: l. 114-125.

1. Series, Orthogonal. 2. Orthogonal polynomials. 3. Series, Infinite. I. Title

**03283**

515.3307

**G 995 Gwaiz, Saleh Abdulrahman**

1979 An analysis of approaches to teaching the differential in elementary calculus/ by Saleh Abdulrahman Gwaiz, 1979.

v, 99 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Indiana University, 1979. - Also available microfiche no. 320. - Bibliography: l. 197-99.

1. Calculus - Study and teaching. 2. Differential calculus - Study and teaching. 3. التفاضل والتكامل - تعليم. I. Title

**03284**



515.35

B 393 Beg, Ghulam Kabir

- 1994 The Galerkin method for singular nonoscillatory two-point boundary value problems/ by Ghulam Kabir Beg, 1994. vi, 161 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 147-150.

1. Boundary value problems.
2. Differential equations. 3. Galerkin methods. 4. المعادلات التفاضلية. I. Title

03285

515.35

S 73 Sarhan, Mahmoud Abdul-Ghani

- 1977 Numerical methods for multipoint boundary value problems/ by Mahmoud Abdul-Ghani Sarhan, 1977. viii, 89 leaves ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1977. - Also available microfiche no. 986. - Bibliography: l. 88-89.

1. Boundary value problems.
2. Numerical analysis. 3. التفاضل والتكامل. I. Title

03286

515.353

N 134 Al-Naggar, Ibtisam M. Abu-Sulayman

- 1994 Asymptotics for solutions of the Schrodinger equation/ Ibtisam M. Abu-Sulayman Al-Naggar, 1994. 107 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Hull, 1994. - Bibliography: l. 103-107.

1. Schrodinger equation. 2. Differential equations, Partial. 3. Asymptotic expansions. I. Title

03287

515.353

J 243 Jamiru, Luttamaguzi

- 1995 One dimensional coupled vibrating systems with control applied at the coupled points/ Luttamaguzi Jamiru, 1995.

iv, 88 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 85-88.

1. Differential equations, Hyperbolic.
2. Differential equations, Partial. 3. Distributed parameter systems. I. Title

03288

515.353

K 965 Kurdi, Mohammad Amin

- [197-] Stable high order methods for time discretization of stiff differential equations/ Mohammad Amin Kurdi, [197-].

viii, 71 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, Berkeley, [197-]. - Bibliography: l. 71.

1. Stiff computation (Differential equations). 2. Differential equations, Partial. I. Title

03289

515.353

S 32 Saleh, Anwar A. Hussain

- 1994 Studies on blow-up/ by Anwar A. Hussain Saleh, 1994. vi, 51 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 50-51.

1. Differential equations, parabolic.
2. Equations, Quadratic. 3. Blowing up (Algebraic geometry). 4. الجبر التفاضلي. I. Title

03290

515.355

A 81 Al-Attas, Husain Salem

- 1994 On the blow-up by comparison/ Husain Salem Al-Attas, 1994.

vi, 56 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 56.

1. Differential equations, parabolic.
2. Equations, Quadratic. 3. Blowing up (Algebraic geometry). I. Title

03291

515.355

**B 112 Ba-batain, Mohammed M. S.**

1994 On approximating the nonlinear term in a reaction diffusion equation/ Mohammed M.S. Ba-batain, 1994.

vi, 53 p. : ill. ; 30 cm.

Thesis (M.Sc.) - University of

Dundee, 1994. - Bibliography: l. 52-53.

1. Differential equations, Nonlinear.

2. Burgers equation. I. Title

**03292**

515.43

**S 42 Self, Ali A.**

1974 Numerical investigation of the two dimensional Poisson's equation/ by Ali A. Seif, 1974.

vi, 65 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Northrop Institute of Technology, 1974. - Also available microfiche no. 154..

1. Poisson's equation - Numerical solutions. 2. Differential equations, Elliptic. 3. التفاضل والتكامل. I. Title

**03293**

515.5

**D 569 Al-Dihan, Nailah A.**

1984 On close-to-convex functions and functions with bounded boundary rotation/ by Nailah A. Al-Dihan, 1984.

77, 8 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - Girls College of Education, Riyadh, 1984. - Bibliography: l. 61-66.

1. Convex functions. 2. Functions of real variables. 3. Functions. I. Title

**03294**

515.53

**G 995 Gwaiz, Mohammed Abdelrahman**

1972 Contributions to the theory of water waves on a sloping beach/ by Mohammed Abdelrahman Gwaiz, 1972.

iv, 158 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Wisconsin, 1972. - Also available microfiche no. 1075. - Bibliography: l. 156-158.

1. Harmonic functions. 2. الدوال التوافقية. I. Title

I. Title

**03295**

515.54

**M 884 Al-Mudhi, Nasser**

1990 Estimating the asymptotic stability of the damped Mathieu equation using phaser/ Nasser Al-mudhi, 1990.

ii, 107 leaves ; 28 cm.

Thesis (M.A.) - University of Kansas, 1990. - Bibliography: l. 106-107.

1. Mathieu functions. I. Title

**03296**

515.56

**D 885 Al-Dukair, Fawzi Ahmed Saleh**

1981 Number fields with equal L-series or zeta functions/ by Fawzi Ahmed Saleh Al-Dukair, 1981.

viii, 89 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, 1981. - Also available microfiche no. 1067. - Bibliography: l. 87-89.

1. Functions, Zeta. 2. Functions, Special. 3. L-functions. 4. Number theory. 5. تحليل الدوال. I. Title

**03297**

515.62

**A 97 Abu-Zaid, Issam Taher Mohammad**

1992 A finite difference approximation for a class of singular boundary value problems/ by Issam Taher Mohammad Abu-Zaid, 1992.

x, 124 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography, l. 123-124.

1. Boundary value problems. 2. Finite differences. 3. التفاضل والتكامل. I. Title

**03298**

515.62

**A 88 Al-Absi, Bassam Ibrahim**

1995 Numerical discussion of the time domain inverse scattering problem for wave equation/ by Bassam Ibrahim Al-Absi, 1995.

ix, 54 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995.- Bibliography: I. 53-54.

1. Equations - Numerical solutions. I. Title

**03299**

515.62

**S 41 Shehadeh, Yagoub Mustafa**

1992 Computation of singularities in B.V.P: S using finite differences with block - elimination/ by Yagoub Mustafa Shehadeh, 1992.

viii, 68 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: I. 66-68.

1. Singularities (Mathematics). 2. Finite differences. I. Title

**03300**

515.64

**B 225 Al-Bani, Khadija Abdul-Rahman**

1992 Finite element methods for variational inequalities/ by Khadija Abdul-Rahman Al-Bani, 1992.

iv, 107, 3 leaves ; 30 cm.

Thesis (Ph.D.) - King Saud University, 1992. - Bibliography: I. 93-98.

1. Calculus of variations. 2. Functional analysis. I. Title

**03301**

515.7

**D 569 Al-Dihan, Nailah A.**

1989 Some topics in the theory of functions with bounded boundary rotation/ Nailah A. Al-Dihan, 1989.

v, 170 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Saudi Arabia, Girls College of Education, Riyadh, 1989. - Bibliography: I. 134-138.

1. Functional analysis. 2. Geometric function theory. 3. الدوال (رياضيات). I. Title

**03302**

515.723

**S 91 Al-Shualbi, Abdulaziz Abdullah Othman**

1992 On the inversion of the laplace transform/ by Abdulaziz Abdullah Othman Al-Shuaibi, 1992.

ix, 104 leaves ; 29 cm.

Thesis (Ph.D.) - University of Petroleum and Minerals, Dhahran, 1992. - Bibliography: I. 99-104.

1. Laplace transformation. 2. المتكامل والتكامل. I. Title

**03303**

515.723

**S 31 Salamah, Abdullah Ibrahim**

1978 Numerical inversion of Z and laplace transforms with applications to queueing theory/ by Abdullah Ibrahim Salamah, 1978.

vii, 105 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - North Carolina State University, 1978.- Bibliography: I. 96-98.

1.Z transformation. 2.Laplace transformation. 3.Queueing theory. 4. Functional analysis. 5. تحليل الدوال. I. Title

**03304**

515.73

**A 47 Atieg, Abdullah A. M.**

1993 Analysis of measurements based on the singular value decomposition/ Abdullah A.M. Atieg, 1993.

v, 53 leaves ; 30 cm.

Thesis (M.Sc.) - University of Dundee, 1993. - Bibliography: I. 52-53.

1. Calculus of variations. 2. Functional analysis. 3. Measure theory. 4. Spaces of measures. I. Title

**03305**

515.73

Ot 3 Othman, Sadoon Ibrahim

1987 Grothendieck measures and strict topologies/ by Sadoon Ibrahim Othman, 1987.

iv, leaves ; 28 cm.

Thesis (Ph.D.) - University of Iowa, 1987. - Also available microfiche no. 2021. - Bibliography: l. 64-66.

1. Topological spaces. 2. القياسات. I. Title

03306

515.733

K 151 Kashkari, Bothayna S.H.

1992 The class of  $M^*$ -paranormal operators on Hilbert spaces/ by Bothayna S.H. Kashkari, 1412 H, 1992.

ix, 60 leaves ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1992. - Bibliography: l. 60.

1. Hilbert space. 2. Operator theory. 3. Spectral theory (Mathematics). 4. Banach spaces. 5. Functional analysis. 6. الدوال (رياضيات). I. Title

03307

515.782

S 21 Al-Said, Asem Mohammad

1983 Maintaining distributed copies of a data base/ by Asem Mohammad Alsaid, 1983.

iii, 22 leaves ; 29 cm.

Thesis (M.Sc.) - Atlanta University, 1983. - Also available microfiche no. 1011. - Bibliography: l. 22.

1. Distribution, Uniform (Probability theory). 2. Distributed databases. 3. نظرية الاحتمال. I. Title

03308

515.782

Ub 1 Ubaid, Mohammed Ahmed Ibrahim

1992 Generalized balanced and approximately balanced representations/ by Mohammed Ahmed Ibrahim Ubaid, 1992.

xi, 107 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 102-107.

1. Theory of distributions (Functional analysis). 2. Functional analysis. 3. Functional representation. 4. التحليل الرياضي. I. Title

03309

515.8

Ob 5 Al-Oboudi, Fatima Mohammed

1989 A Study on some subclasses of close-to-convex functions/ Fatima Mohammed Al-Oboudi, 1989.

170 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - King Saud University, 1989. - Bibliography: l. 137-142.

1. Convex functions. 2. Functions of real variables. 3. الدوال (رياضيات). I. Title

03310

516

B 198 Balgonaim, Adil Suliman

1993 Fractal dimension estimation/ by Adil Suliman Balghonaim, 1993.

x, 187 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Missouri-columbia, 1993. - Also available microfiche no. 3327. - Bibliography: l. 132-35.

1. Fractals. 2. Dimension theory (Topology). 3. Geometry. 4. حساب المتغيرات. I. Title

03311

516.13

S 91 Al-Suwaiyel, Muhammad Hamad

1991 Some combinatorial optimization problems in computational geometry/ by Muhammad Hamad Alsuwaryel, 1991.

x, 104 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Northwestern University, 1991. - Bibliography: l. 103-104.

1. Geometry. 2. Combinatorial geometry. 3. حساب المتغيرات. I. Title

03312

516.362

**S 13 Al-Sabah, Walid Sabah**

- 1993 Minimal composite designs for the second order response surface model/ by Walid Sabah Al-Sabah, 1993.  
xi, 92 leaves ; 28 cm.

Thesis (Ph.D.) - University of California Riverside, 1993. - Also available microfiche no. 3422. - Bibliography: 1. 89-92.

1. Minimal surfaces. 2. Maxima and minima. 3. Surfaces, Models of. 4. Geometry, Analytic. 5. الهندسة التحليلية. I. Title

**03313**

519.2

**R 183 Al-Rashed, Abdallah M.**

- 1981 L8-approximation in probability spaces/ by Abdallah M. Al-Rashed, 1981.

vi, 45 leaves ; 28 cm.

Thesis (Ph.D.) - Colorado State University, 1981. - Also available microfiche no. 171. - Bibliography: 1. 45.

1. Probabilities. 2. الاحتمالات (رياضيات). I. Title

**03314**

519.2

**Z 13 Al-Zaid, Abdulhamid Abdullah**

- 1983 Some contributions to characterization theory/ Abdulhamid Abdullah Alzaid, 1983.  
v, 148 leaves ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1983. - Bibliography: 1. 138-148.

1. Mathematical statistics. 2. Probabilities. I. Title

**03315**

519.2

**J 95 Jumaah, Ali M.**

- 1990 Review of linear models approach to categorical survey data/ Ali M. Jumaah, 1990.

57 leaves ; 28 cm.

Thesis (M.Sc.), 1990. - Bibliography: 1. 57.

1. Probabilities. 2. Race relations.

3. Linear models (Statistics). I. Title

**03316**

519.233

**D 535 Al-Dhaheri, Rabah Wasel**

- 1988 Modeling of singularly perturbed systems with application to Markov chains/ by Rabah Wasel Aldhaheri, 1988.  
viii, 102 leaves ; 29 cm.

Thesis (Ph.D.) - Michigan State University, 1988. - Also available microfiche no. 2388. - Bibliography: 1. 99-102.

1. Perturbation (Mathematics). 2. Markov processes. 3. Singular perturbations (Mathematics). 4. Excessive measures (Mathematics). 5. الاحتمالات (رياضيات). I. Title

**03317**

519.233

**M 729 Al-Mojel, Halla Hamad**

- 1996 Some limiting results in Markov chain and their applications in the theory of dams/ by H.H. Al-mojel, 1407 H, 1986.

192 leaves ; 31 cm.

Thesis (M.Sc.) - King Saud University, 1986. - Bibliography: 1. 190-192.

1. Markov processes. 2. Ergodic theory. I. Title

**03318**

519.234

**K 837 Konosowa, Mokhtar H.**

- 1994 Product process in varying environments/ Mokhtar H. Konosowa.- Al-Qassim : King Saud University, 1415 H, 1994.

17, 5 p. ; 23 cm.- (Research bulletin ; 26).  
ISBN 9960-05-197-8

Five pages of Arabic text from right side. - Bibliography: P. 16-17.

1. Branching processes. 2. Probabilities. 3. Business mathematics. I. Title

**03319**

519.24

**H 213 Al-Harbi, Abdulghani A. Ghonaim**

- 1994 Characterizations of probability dis-

tribution in statistical inference and allied topics/ Abdulghani A. Ghonaim AlHarbi, 1994.

ix, 137 leaves ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1994. - Bibliography: l. 123-137.

1. Mathematical statistics. 2. Probabilities. 4. Inference. I. Title

**03320**

519.287

G 113 Al-Gabir, Khalid Hamad

1995 A simulation study to compare alternative methods of isolating : a Maverick Judge/ by Khalid Hamad Algabir, 1995.

v, 91 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Kansas State University - 1995. - Bibliography: l. 81-91.

1. Assessment, Evaluation, and Programming system. 2. Judgment - Methodology. I. Title

**03321**

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G 761 Al-Graian, Mohammed Nasser

1992 Characterization results based on mixture and power-series models/ by Mohammed Nasser Al-Graian, 1992.

v, 151 leaves ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1992. - Bibliography: l. 139-151.

1. Estimation theory. 2. Probabilities. 3. الاحتمالات (رياضيات). I. Title

**03322**

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A 51 Al-Ahmadi, Abdulhadi M.

1993 Algorithms for the construction of constrained and unconstrained optimal designs/ by Abdulhadi M. Al-Ahmadi, 1993.

ix, 145 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Glasgow, 1993. - Bibliography: l. 141-145.

1. Algorithms. 2. Mathematical analysis. 3. Probabilities. 4. Mathematical optimization. 5. Games of strategy (Mathematics). 6. الاحتمالات (رياضيات). I. Title

**03323**

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J 19 Jaha, Yousif Al-Farouk Abdulhamid

1994 Constructing optimal designs for mixture experiments/ by Yousif Al-Farouk Abdulhamid Jaha, 1414 H, 1994.

xv, [151] leaves ; 31 cm.

Thesis (M. Sc.) - King Abdulaziz University, 1994.- Text in English and Arabic.- Bibliography: l. 119-122..

1. Mathematical optimization. 2. Mathematical analysis. 3. Mathematical models. I. Title II. Title: ايجاد تصميمات مثلى للتجارب الخلطية

**03324**

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B 294 Al-Bassam, Sulaiman A.

1985 Optimal fixed hashing sequence/ Sulaiman A. Al-Bassam, 1985.

iii, 34 p. : ill. ; 27 cm.

Thesis (M.Sc.) - Oregon State University, 1985.

1. Mathematics - Computer assisted instruction. 2. Numerical analysis - Computer programs. 3. البرمجة الحاسوبية. I. Title

**03325**

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A 31 Abdel-aty, Fatma Ali

1994 Maximum likelihood estimation and model selection for incomplete contingency tables/ Fatma Ali Abdel-aty.- Al-Qassim, Saudi Arabia : King Saud University, 1415 H, 1994.

21, 2 p. ; 24 cm.- (Research Bulletin ; 25). Bibliography: p. 20-21.

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1. Estimation theory. 2. Mathematical statistics. I. Title II. Series

**03326**

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A 71 Al-Assaf, Mohammed Abdulaziz

1984 A comparison of four variance component estimators in regular group divisible partially balanced incomplete block designs/ by Mohammad Abdulaziz Al-Assaf, 1984.

x, 111 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Southern Methodist University, 1984. - Also available microfiche no. 879. - Bibliography: l. 110-111.

1. Mathematical statistics. 2. Statistics. 3. الإحصاء الرياضي. I. Title

03327

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M 369 Al-Marzoki, Sanaa Mohamed

1995 Optimal designs for constrained mixture experiments/ Sanaa Mohamed Al-Marzoki, 1416 H, 1995.

x, 88, 22 leaves : ill. ; 31 cm.

Thesis (B.Sc.) - King Abdulaziz University, 1995. - With summary in Arabic and title at endpaper. - Bibliography: l. 86-88. تصميمات مثلى: لتجارب خليطية مقيدة.

1. Optimal designs (Statistics). 2. Experimental design. 3. Sequential analysis. I. Title II. Title: تصميمات مثلى لتجارب خليطية مقيدة

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J 247 Jamjoom, Amna A.

1988 A study of some applications of order statistics/ by Amna A. Jamjoom, 1408 H, 1988.

234, ix, 7 leaves ; 31 cm.

Thesis (M.Sc.) - Girls College of Education in Jeddah, 1988. - Preface in Arabic at end paper. - Includes bibliography.

1. Order statistics. I. Title

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M 112 Maatouk, Talal A. H.

1992 On nonparametric density estimation methods/ by Talal A.H. Maatouk, 1992.

xiv, ca.112 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1992. - Bibliography: l. 92-96.

1. Estimation theory. 2. Parameter estimation. 3. الرياضيات الإحصائية. I. Title

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S 85 Saudi Symposium on Statistics and its Applications (1st : 1983 : Riyadh)

Developments in statistics and its applications : proceedings of the First Saudi Symposium on Statistics and its Applications, Riyadh : May 2-5, 1983 A.D. (Rajab 19-22, 1403 A.H.) sponsored by King Saud University, edited by Abdulrahman M. Abouammoh ... (et al.).- Riyadh : King Saud University Libraries, 1984.

ix, 634, 8 p. : ill. ; 29 cm.

Arabic abstracts and title page:

تطورات في الإحصاء وتطبيقاته

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A 56 Abid, Ahmed Darwesh

1985 Fixed-size confidence regions for multiparameter estimation/ by Ahmed Darwesh Abid, 1985.

vi, 82 leaves ; 29 cm.

Thesis (Ph.D.) - Oklahoma State University, 1985. - Also available microfiche no. 111. - Bibliography: l. 76-78.

1. Multivariate analysis. 2. Matrices. 3. Regression analysis. 4. Log-linear models. 5. الإحصاء الرياضي. I. Title

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J 314 Al-Jasser, Ibrahim Abdullah

1995 Understanding treatment effect in the analysis of longitudinal data/ by Ibrahim Abdullah Aljasser, 1995.

- x, 148 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Arizona State University, 1995. - Bibliography: l. 143-148.  
1. Mathematical statistics. 2. Multivariate analysis. 3. Longitudinal method. I. Title  
**03333**
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J 95 Jumaah, Ali M.  
1994 Generalized joint modeling of mean and dispersion/ by Ali M. Jumaah, 1994.  
ix, 156 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Arizona State University, 1994. - Bibliography: l. 115-119.  
1. Linear models (Statistics).  
2. Mathematical models. 3. Model theory.  
4. Mathematical st. I. Title  
**03334**
- 519.538  
A 41 Atheem, Abdullah Sulafman  
1977 Evaluation of an experiment after analysis of variance/ by Abdullah Sulaiman Atheem, 1977.  
iv, 90 leaves ; 29 cm.  
Thesis (M.Sc.) - Utah State University, 1977. - Also available microfiche no. 1227. - Bibliography: l. 88-89.  
1. Analysis of variance. 2. الإحصاء الرياضي. I. Title  
**03335**
- 519.54  
S 61 Al-Shiha, Abdullah A. M.  
1995 Inference for unreplicated two-level factorials and two-way classification experiments/ Abdullah A.M. Al-Shiha, 1995.  
ix, 180 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Kansas State University, 1995. - Bibliography: l. 161-167.  
1. Mathematical statistics. 2. Probabilities. I. Title  
**03336**
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S 15 Shaker, Osamah M.  
1993 Multi-response permutation procedures (MRPP) : a class of distribution-free techniques for statistical inference/ by Osamah M. Shaker, 1993.  
v, 72 leaves ; 28 cm.  
Thesis (M.Sc.) - Colorado State University, 1993. - Also available microfiche no. 3406. - Bibliography: l. 40-43.  
1. Mathematical statistics. 2. Probabilities. 3. الإحصاء الرياضي. I. Title  
**03337**
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A 32 Abdulal, Khaled I.  
1984 On density estimation/ by Khaled I. Abdulal, 1984.  
viii, 94 leaves ; 29 cm.  
Thesis (Ph.D.) - Colorado State University, Fort Collins, 1984. - Also available microfiche no. 77. - Bibliography: l. 91-94.  
1. Estimation theory. 2. Nonparametric statistics. 3. نظرية التقدير (رياضيات). I. Title  
**03338**
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F 225 Farhat, Adel A. S.  
1995 Nonparametric estimates of density function from binned data/ by Adel A.S. Farhat, 1416 H, 1995.  
x, 100 leaves ; 31 cm.  
Thesis (M.Sc.) - King Abdulaziz University, 1995. - Bibliography: l. 95-100.  
1. Estimation theory. 2. Nonparametric statistics. I. Title  
**03339**
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Z 13 Zaki, Al-Akhdhar Alsaiyed  
1989 ARMA parameter estimation using cepstrum/ Al-Akhdhar Alsaiyed Zaki, 1989.  
xiii, 148 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Colorado, 1989. - Bibliography: l. 128-137.



1. Parameter estimation. 2. Estimation theory. I. Title

**03340**

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S 15 Al-Subhi, Musaed A.

1993 Estimation and prediction for time series regression models : a comparison of interface procedures/ by Musaed A. Al-Subhi, 1993.

xiv, 186 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Lancaster University, 1993. - Bibliography: l. 182-186.

1. Time-series analysis. 2. Probabilities. 3. الاحصاء الرياضي. 4. I. Title

**03341**

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W 269 Al-Wasel, Ibrahim A.

1993 Spectral analysis for replicated biomedical time series/ by Ibrahim A. Al-Wasel, 1993.

xxiii, 160 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Lancaster University, 1993. - Bibliography: l. 156-160.

1. Time-series analysis. 2. Spectrum analysis. 3. Mathematical statistics. 4. الاحصاء الرياضي. I. Title

**03342**

519.56

A 54 Amin, M. Rashad

1990 Estimation of the power function for the cochrane Q test and determination of confidence intervals/ M. Rashad Amin, 1990.

2 v. (xxvii, 402 leaves) ; 29 cm.

Thesis (Ph.D.) - University of Northern Colorado, Greeley, 1990. - Also available microfiche no. 2714. - Includes bibliography.

1. Statistical hypothesis testing. 2. الاحصاء الرياضي. I. Title

**03343**

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A 92 Al-Alwani, Jumah Eid

1991 Multiobjective decision making : an interactive integrated optimization approach/ by Jumah Eid Al-Alwani, 1991. vii, 226 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Case Western Reserve University, 1991. - Bibliography: l. 185-191.

1. Programming (Mathematics). 2. Decision-making - Mathematical models. 3. Mathematical optimization. 4. البرمجة (رياضيات). I. Title

**03344**

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S 59 Al-Sultan, Khaled Saleh

1990 Nearest point problems : theory and Algorithms/ by Khaled Saleh Al-Sultan, 1990.

xi, 163 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Michigan, 1990. - Also available microfiche no. 2720. - Bibliography: l. 155-163.

1. Programming (Mathematics). 2. Algorithms. 3. Nearest neighbor analysis (Statistics). 4. البرمجة (رياضيات). I. Title

**03345**

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F 294 Fayeze, Samir Kamel

1979 Transformed quasi-newton method for unconstrained signomial minimization/ by Samir Kamel Fayeze, 1979.

xi, 145 leaves ; 29 cm.

Thesis (Ph.D.) - Texas A and M University, 1979. - Also available microfiche no. 291. - Bibliography: l. 79-82.

1. Programming (Mathematics). 2. Algorithms. 3. Dynamic programming. 4. البرمجة (رياضيات). I. Title

**03346**

519.7

G 341 Ghalib, Hanf M.

1973 The traveling salesman problem : literature survey and comparison of two computational methods/ by Hanf M. Ghalib, 1973.

v, 43 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Oklahoma State University, 1979. - Also available microfiche no. 1108. - Bibliography: l. 20.

1. Computer science - Mathematics.  
2. Dynamic programming. 3. البرمجة (رياضيات). I. Title

**03347**

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Z 83 Zugall, Ahmed A.

1991 A heuristic algorithm for solving economic models formulated as 0-1 integer programming problems/ by Ahmed A. Zugall, 1991.

ix, 87 leaves ; 28 cm.

Thesis (Ph.D.) - Colorado School of Mines, 1991. - Bibliography: l. 74-78.

1. Programming (Mathematics).  
2. Integer programming. 3. Algorithms.  
4. البرمجة (رياضيات). I. Title

**03348**

519.72

N 186 Al-Nasr, Nazar

1981 Mathematical investigation of linear control systems containing input derivatives/ by Nazar Al-Nasr, 1981.

85 leaves ; 29 cm.

Thesis (Ph.D.) - Clarkson College of Technology, 1981. - Also available microfiche no. 845. - Bibliography: l. 83-85.

1. Multivariate analysis - Computer programs. 2. Linear time invariant systems. 3. البرمجة (رياضيات). I. Title

**03349**

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M 813 Moreb, Ahmad Abdullah

1988 Efficient algorithms for the fixed charge

problem/ by Ahmad Abdullah Moreb, 1988.

xi, 125 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Central Florida, 1988. - Also available microfiche no. 2421. - Bibliography: l. 121-125.

1. Algorithms - Computer programs.  
2. Programming (Mathematics). 3. Linear programming. 4. البرمجة (رياضيات). I. Title

**03350**

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B 225 Al-Bani, Khadija Abdul-Rahman

1984 On the solution of concave quadratic programming problem/ by Khadija Abdul-Rahman Al-Bani, 1984.

118, 3 leaves ; 30 cm.

Thesis (M.Sc.) - King Saud University, 1984. - Bibliography: l. 99-108.

1. Quadratic programming. 2. Nonlinear programming. 3. Programming (Mathematics).  
4. البرمجة (رياضيات). I. Title

**03351**

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M 813 Moreb, Ahmad Abdullah

1981 Use of polygonal functions for adapting fixed charge problems to solution by linear programming/ by Ahmad Abdullah Moreb, 1981.

xi, 176 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of California, 1981. - Also available microfiche no. 2049. - Bibliography: l. 99-101.

1. Linear programming. 2. Programming (Mathematics). 3. Numbers, Polygonal. 4. البرمجة الخطية. I. Title

**03352**

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R 245 Reda, Rehab Mahmoud

1986 Time cost tradeoff modeling of related activities by using mixed integer programming/ by Rehab Mahmoud Reda, 1986.

2 v. (xiv, 274 leaves) ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1986. - Also available microfiche no. 995. - Copy 1 in 2 vols. and copy 2 binded in 1 vol. Bibliography: l. 272-274.

1. Integer programming. 2. Programming (Mathematics). 3. البرمجة (رياضيات). I. Title

**03353**

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**B 869 Bukhari, Fadel A.**

1983 Cosmological constant/ Fadel A. Bukhari, 1983.

67 leaves ; 30 cm.

Thesis (M.Sc.) - University of Sussex, 1983. - Bibliography: l. 67.

1. Cosmology. I. Title.

**03354**

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**F 439 Al-Fhaid, Abdulrahman S.**

1994 The derivation of interstellar extinction curves and modelling/ Abdulrahman S. Al-Fhaid, 1994.

viii, 188 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Wales, 1994. - Bibliography: l. 184-188.

1. Interstellar matter. 2. Astrophysics. I. Title

**03355**

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**G 559 Goharji, Adnan Abdullah**

1986 Interpretation of IUE and other spectra of planetary nebulae/ Adnan Abdullah Goharji, 1986.

xii, 147 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - Durham University, 1986. - Bibliography: l. 137-147.

1. Planetary nebulae. I. Title

**03356**

523.82

**M 295 Al-Malki, Mohammed Bakheet**

1992 Polarimetric modelling for anisotropic stars/ by Mohammed Bakheet M. Al-Malki, 1992.

212 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Glasgow, 1992. - Bibliography: l. 207-211.

1. Stars - Motion in line of sight. 2. Stars - Radiation. 3. Polarization (Light). 4. Anisotropy. I. Title

**03357**

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**K 841 Kordi, Ayman S.**

1992 Spectroscopic analysis of R W trianuli/ by Ayman S. Kordi, 1992.

viii, 39, ii leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Sussex, 1992. - Bibliography: l. I-II at end.

1. Double stars. 2. Stars - Spectra. 3. Astronomical spectroscopy. 4. النجوم. I. Title

**03358**

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**S 92 Al-Shukri, Ali Mohammad S.A.**

1991 On the limiting astrometric accuracy of binary star speckle interferometry/ by Ali Mohammad S.A. Al-Shukri, 1991.

viii, 325 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Georgia State University, 1991. - Includes index.

1. Double stars. 2. Astrometry. 3. Interferometry. 4. Stars-Observations. 5. النجوم. I. Title

**03359**

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**M 855 Al-Mostafa, Zaki A.**

1994 Stellar pulsation : a study of the influence of opacity on numerical models/ by Zaki A. Al-Mostafa, 1994.

90 leaves : ill. ; 30 cm.

Thesis (M. Phil.) - University of St. Andrews, 1994. - Bibliography: l. 86-90.

1. Stellar oscillations - Mathematical models. 2. Pulsating stars - Mathematical models. 3. Solar oscillations - Mathematical models. 4. Stars, Variable - Mathematical models. I. Title

**03360**

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**S 35 Salma, Nasser Mohammed A.**

1981 A cross cultural comparison of perception of relative space/ by Nasser Mohammed A. Salma, 1981.

viii, 128 leaves : ill, maps ; 29 cm.

Thesis (M.A.) - Ohio University, 1981. - Also available microfiche no. 1333. - Bibliography: l. 98-100.

1. Cartography. 2. Mathematical geography. 3. الجغرافيا الرياضية. I. Title

**03361**

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**H 17 Al-Hamada, Ibrahim M.**

1979 The preparation of a national atlas for Saudi Arabia/ by Ibrahim M. Al-Hamada, 1979.

ix, 100 leaves : ill, maps ; 29 cm.

Thesis (M.A.) - Western Washington University, 1979. - Also available microfiche no. 1378. - Bibliography: l. 98-100.

1. Saudi Arabia - Maps. 2. Cartography - Saudi Arabia. 3. رسم الخرائط - السعودية. I. Title

**03362**

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**G 187 Al-Garni, Abdullah Mohammed**

1992 Image interpretation for landforms using expert systems and terrain analysis/ by Abdullah Mohammed Al-Garni, 1992.

ix, 178 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - The Ohio State University, 1992. - Bibliography: l. 117-124.

1. Photogrammetry. 2. Photographic surveying. 3. Aerial photogrammetry. 4. Photographic interpretation (Military science). 5. Expert systems (Computer science). 6. المساحة الجوية. I. Title

**03363**

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**G 187 Al-Garni, Dafer Ali**

1992 Digital mapping inference mechanism: a process of knowledge extraction and

hypotheses evaluation/ by Dafer Ali Algarni, 1992.

ix, 131 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Ohio State University, 1992. - Also available microfiche no. 3185. - Bibliography: l. 122-31.

1. Cartography. 2. Inference. 3. Digital mapping. 4. Photogrammetry - Remote sensing. I. Title

**03364**

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**H 752 Al-Homelda, Mohammed Ibrahim**

1993 GPS aided aerial photogrammetric strip adjustment with elevation constraints/ Mohammed I. Alhomelda, 1993.

x, 180 p. : ill. ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1993. - Bibliography: l. 170-180.

1. Aerial photogrammetry. 2. Bath - Photographs from space. 3. Photogrammetry. 4. Surveying. I. Title

**03365**

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**H 963 Al-Husaini, Abdulrahman**

1991 Effects of radiometric calibration, bandwidth and solar irradiance normalizations of landsat TM data on the performance of the isodata clustering algorithm/ by Abdulrahman Al-Husaini, 1991.

xi, 72 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Murray State University, 1991. - Bibliography: l. 51-53.

1. Photogrammetry. 2. Landsat satellites - Data processing. 3. Cluster analysis - Computer programs. 4. Artificial satellites in surveying. 5. المساحة الجوية. I. Title

**03366**

526.982

**S 35 Al-Salman, Abdullah S. A.**

1995 Modeling and evaluation of airborne GPS-assisted aerotriangulation integrated with terrestrial surveying observations/ by Abdullah S.A. Al-Salman, 1995.

- xii, 245 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Wisconsin-Madison, 1995. - Also available microfiche no. 3645. - Bibliography: 1. 232-245.
1. Aerial photogrammetry. 2. Earth - Photographs from space. 3. Photogrammetry. 4. Surveying. 5. Triangulation. I. Title
- 03367**
- 526.982  
T 911 Al-Twaljri, Saleh Abdulaziz  
1995 Mapping applications using spaceborne imagery/ by Saleh Abdulaziz Altwaljri , 1995.  
ix, 130, [28] leaves : ill. ; 31 cm.  
Thesis (M.Sc.) - University of Nottingham, 1995. - Bibliography: 1. 129-130.
  1. Aerial photogrammetry. 2. Earth sciences - Remote sensing. I. Title

**03368**

526.982  
M 289 Makki, Suhail Ahmed  
1991 Photogrammetric reduction and analysis of real and simulated spot images/ by Suhail Ahmed Makki, 1991.  
xxx, 334 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Purdue University, 1991. - Bibliography: 1. 295-311.
  1. Photogrammetry. 2. SPOT (Artificial satellite). 3. Landsat satellites. 4. Aerial photogrammetry. 5. Artificial satellites in surveying. 6. المساحة الجوية. I. Title

**03369**

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K 58 King Abdulaziz Center for Science and Technology. Saudi Center for Remote sensing  
Saudi Arabian peninsula (photographs from space) [map] : scale 1 : 22000000/ Saudi Center for Remote Sensing, KACST.- Riyadh: Saudi Center for Remote Sensing, KACST, 1990-92.  
ill., 14 col. maps ; 46X36 cm.

- Maps on glossy, white polyester. -  
Contents: PN:00 Saudi Arabian Peninsula. - PN:01 Quassim District, Taif, Jubail seaport. - PN:02 Al Khamees, Mekkah, Najran area. - PN:03 Hail, Riyadh City. - PN:04 Dammam. - Jeddah landsat. - 02 and 008 Region names are not available map.
1. Artificial satellites in remote sensing - Saudi Arabia. 2. Saudi Arabia - Surveys. 3. Aerial photogrammetry - Saudi Arabia. 4. Remote sensing - Saudi Arabia. 5. المساحة الجوية (المرمجة). I. Saudi Center for Remote Sensing, KACST, corp. II. Title
- 03370**
- 526.9825  
G 341 Al-Ghamdi, Saad Said Abo-Ras  
1991 Estimating runoff curve numbers of the soil conservation service in arid and semi-arid environments using remotely sensed data/ Saad Said Abo-Ras Al-Ghamdi, 1991.  
ix, iii leaves ; 28 cm.  
Thesis (Ph.D.) - University of Utah, 1991. - Bibliography: 1. 108-111.
  1. Aerial photogrammetry. 2. Landsat satellites. 3. Geological mapping. 4. Soil conservation. 5. Runoff. I. Title

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D 561 Dictionary of chemical [i.e. physics] terms = Dictionnaire des termes de chimie / مجمع مصطلحات الفيزياء / Arab Organization of Education, Culture and Sciences. - Baghdad : Iraqi Academy Publications. - Tunis: Arab Organization of Education, Culture and Sciences, 1983.  
223, [6] p. ; 24 cm. - (The unified dictionary of scientific terms for general education levels ; v. 2). Foreword in Arabic. - Text in English, French and Arabic.

1. Physics - Dictionaries - Polyglot.
  2. Physics - Terminology. 3. - الفيزياء - مصطلحات. I. Iraqi Academy Publications, corp. II. Arab Organization of Education, Culture and Sciences, corp. III. Saudi Arabia. Ministry of Education. Saudi National Commission for Unesco, corp. IV. Title: Dictionnaire des termes de chimie V. Title: معجم مصطلحات الفيزياء VI. Series
- 03372**
- 530.0712531  
A 63 **Almas, Hassan Mahmoud**  
1983 Investigation of opinions and performance regarding physics instructional procedures in Saudi secondary schools/ by Hassan Mahmoud Almas, 1983.  
2 v. (xv, 264 leaves) : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1983. - Also available microfiche no. 392. - Bibliography: I 257-262.  
1. Physics - Study and teaching (Secondary) - Saudi Arabia. 2. - الفيزياء - التعليم. I. Title
- 03373**
- 530.0712531  
M 458 **Al-Mazroe, Hafeez Mohamed H.**  
1982 A comparison between piagetian cognitive level and physics achievement for twelfth grade students in Saudi Arabia/ Hafeez Mohamed H. Al- Mazroe, 1982.  
ix, 122 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1982. - Also available microfiche no. 330. - Bibliography: I 118-121.  
1. Physics - Study and teaching (Secondary) - Saudi Arabia. 2. Constructivism (Education). 3. الفيزياء - تعليم - السعودية. I. Title
- 03374**
- 530.0712531  
R 13 **Al-Raieky, Mohamed I.**  
1981 Construction and validation of an achievement evaluation instrument for twelfth grade physics in Saudi Arabia/ by Mohamed I. Al-Raieky, 1981.  
xi, 116 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Northern Colorado, 1981. - Also available microfiche no. 600. - Bibliography: I 114-115.  
1. Physics - Study and teaching (Secondary) - Saudi Arabia. 2. Saudi Arabian Students - Study and teaching. 3. Students - Saudi Arabia - Attitudes. 4. Achievement tests - Saudi Arabia. 5. الفيزياء - تعليم - السعودية. I. Title
- 03375**
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ISBN 9960-07-040-9  
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- 03376**
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ISBN 9960-07-041-7  
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- 03377**
- 530.12  
A 69 **Al-Amoudi, Said Mohammad Said**  
1993 Finite space direct and inverse problem in quantum mechanical scattering theory using the born approximation/ by Said Mohammad Said Al-Amoudi, 1993.  
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H 124 Al-Haidari, Abdulaziz Dakhel  
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A 19 Abbas, Hanan Yuosef Hamza

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1975 Computer assisted analysis of plasma  
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3. Acceleration (Mechanics). 4. Dynamics.
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- 03392**
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- 03395**
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H 253 Al-Harthi, Abdulaziz Salem  
1986 Application of dielectric measurement to saturated systems and fluid flow through porous media/ by Abdulaziz Salem Alharthi, 1986.  
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A 11 Al-Arabi, Abdul Al-Majeed  
1988 A numerical study of confined turbulent flows/ by Abdul Majeed Alarabi, 1988.  
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H 964 Al-Husseini, Abdulmalik Abdullah  
1989 Numerical simulation of turbulent flows with drag reducing polymeric additives/ by Abdulmalik Abdullah Alhusseini, 1989.  
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2. Drag (Aerodynamics) - Simulation. 3. Base flow (Aerodynamics) - Simulation. 4. حركة السوائل. I. Title

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- 1995 A hysteretic polymer flooding model/ by Khaled Furati, 1995.  
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1. Multiphase flow. 2. Polymers - Permeability. 3. Permeability. I. Title

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A 32 Abdullah, Abdullah A.

- 1986 An investigation of acceleration waves in a perfectly conducting magnetohydrodynamic fluid/ Abdullah A. Abdullah, 1986.  
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38, [16] leaves : ill. ; 29 cm.

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- 1981 Expression of physical and subjective magnitudes of sound and noise in air/ Saudi Arabian Standards Organization.- Riyadh : Saudi Arabian Standards Organization, 1981.

5 leaves : ill. ; 30 cm.- (Saudi standard ; no. 371).

1. Sound - Standards. 2. Noise - Saudi Arabia - Standards. I. Title II. Series

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A 23 Al-Aql, Abdulraman Ali

- 1981 Photoacoustic spectroscopy/ by Abdulrahman Ali Al-Aql, 1981.

vii, 50 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Colorado State University, 1981. - Also available microfiche no. 1165. - Bibliography: l. 35.

1. Phonetics, Acoustic. 2. Sound pressure. 3. Photoacoustic spectroscopy . 4. الصوت (فيزياء). I. Title

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N 188 Nassif, Youssuf Hassan

- 1976 Optical rotatory power/ by Youssuf Hassan Nassif, 1976.

vi, 86 leaves : ill. ; 29 cm.

- Thesis (M.Sc.) - Saint Louis University, 1976. - Also available microfiche no. 999. - Bibliography: 1. 77-78.
1. Optical rotation. 2. Polarization (Light). 3. Magneto-optics. 4. البصريات. I. Title
- 03406**
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Y 1 Yaghamour, Saud Jamil  
1981 Determination of the degree of coherence light by using the magneto-optic diffraction/ by Saud Jamil Yaghamour, 1981.  
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M 318 Abu Mansoor, Sabri Asaad  
1985 Antiferromagnetic ordering effect on the optical transitions in MnF<sub>2</sub>/ by Sabri Asaad Abumansoor, 1985.  
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A 26 Al-Ahdali, Issam H.  
1989 Optimization of three and four-element lens systems by minimizing the caustic merit function/ by Issam H. Al-Ahdali, 1989.  
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1. Images, optical. 2. Optics, Geometrical. 3. Optics. 4. Images, Photographic. 5. الطيف. I. Title
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D 262 Dastageer, H.M. Abdulkader  
1993 Laser spectroscopy of 3A2 - 1A1 phosphorescence of sulphur dioxide/ by H.M. Abdulkader Dastageer, 1993.  
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- 03410**
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Q 65 Qustl, Abdulla Hossain  
1986 Conventional and time-resolved spectroscopic studies of Dy<sup>3</sup>, Pr<sup>3</sup>, and Tm<sup>3</sup> in POCL<sub>3</sub>: SnCl<sub>4</sub>/ by A. H. Qustl, 1986.  
xvii, 247 leaves : ill. ; 28 cm.  
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  1. Spectrum analysis. 2. Emission spectroscopy. 3. Fluorescence spectroscopy. 4. الطيف - تحليل. I. Title
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Y 1 Yaghamour, Saud Jamil  
1985 Study of ellipsometric applications and examination of optical anisotropy in aluminium and silicon oxides/ Saud Jamil Yaghamour, 1985.  
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  1. Ellipsometry. 2. Aluminum - Optical properties. 3. Silicon oxide - Optical properties. 4. Anisotropy. I. Title
- 03412**

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H 113 Al-Habdan, Fahad M.

1983 Prediction of liquid thermal conductivity/ Fahad Muhammed Alhabdan, 1983.

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Ol 9 Olwi, Ibrahim Ali

1984 Numerical solution of laminar free convection from a vertical plate using a grid-free method/ by Ibrahim Ali Olwi, 1984.

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- Bibliography: l. 71-75.

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S 21 Said, Syed-Ahmed M.

1986 An analytical and experimental investigation of natural convection heat transfer in vertical channels with a single obstruction/ by Syed-Ahmed M. Said, 1986.

xiv, 148 leaves : ill. ; 29 cm.

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**03415**

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H 213 Al-Harbi, Zeid Salem

1993 Signal multiplexing for temperature sensing : an effective cost saving technique/ by Zeid Salem Al-Harbi, 1993.

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University, 1993. - Also available microfiche no. 3423. - Bibliography: l. 46.

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A 23 Al-Aql, Abdulraman Ali

1985 Measurements of the thermal conductivities of certain metals by means of direct electrical heating/ Abdulrahman Ali Al-Aql, 1985.

xi, 127, 60 leaves : ill. ; 31 cm.

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A 12 Arainy, Abdulrahman Ali

1977 The effects of rain on electromagnetic characteristics of Corona/ by Abdulrahman Ali Arainy, 1977.

xii, 133 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Toronto, 1977. - Also available microfiche no. 2260. - Bibliography: l. 105-107.

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**03418**

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M 98 Al-Mutaz, Ibrahim Saleh

1985 A thermionic emission study of hydrocarbon decomposition, carbon deposition, and carbon oxidation on hot metal surfaces/ by Ibrahim Saleh Al-Mutaz, 1985.

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Thesis (Ph.D.) - Yale University, 1985. - Bibliography: I. 135-139. - Also available microfiche no. 664.

1. Thermionic emission. 2. Metals - Effect of temperature on. 3. الحركة الحرارية. I. Title

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S 28 Shawoosh, A. S.

1983 Photoconductivity associated with deep levels in gallium arsenide and germanium/ A.S. Shawoosh, 1983. vii, 231, 3 leaves; 30 cm.

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1. Photoconductivity. 2. Electric conductivity. I. Title

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A 69 Al-Amoud, Abdulrahman Mohammed

1974 Evaluation of properties of solid diffusant sources for diffusion into silicon/ by Abdulrahman Mohammed Alamoud, 1974.

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1. Semiconductors - Diffusion. 2. شبه الموصلات (فيزياء). I. Title

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A 41 Ali, Khalid A. Murad

1994 Acoustic phonon power loss in Ga InAs/InP MQWs/ Khalid A. Murad Ali, 1994.

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1. Semiconductors. 2. Solid state electronics. 3. Solid state physics. I. Title

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B 117 Babkair, Saeed Salem

1982 Low temperature annealing behavior of Si implanted GaAs/ by Saeed Salem Babkair, 1982.

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H 382 Hendi, Darwisha Ahmed

1986 Study of some physical properties of semiconductor's heterojunction/ Darwisha Ahmed Hendi.- Jeddah : Girls' College of Education, 1986.

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1. Semiconductors. 2. شبه الموصلات دراسة بعض الخواص (فيزياء). I. Title. II. Title: الفيزيائية لبعض الموصلات الثنائية غير المتجانسة من اشباه الموصلات

**03424**

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A 31 Abdelhadi, Maher Mahmoud Hussein

1993 Critical currents and pinning forces in Y1 Ba2 Cu3 O7.8 Hi-Tc superconductor/ by Maher Mahmoud Hussein Abdelhadi, 1993.

xvii, 124 leaves : ill. ; 29 cm.

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Z 19 Al-Zayed, Naser S.

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I. Title

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- 1995 Oxygen stoichiometry effect on magnetic properties of  $YBa_2Cu_3O_{7.8}$  superconductor/ by Astra Agus Pramana Dasa Nova, 1995.

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I. Title

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B 112 Babteen, Muhammed Omar

- 1994 An investigation of magnetic properties of some rare earth heusler alloys/ by Muhammed Omar Babateen, 1994.

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1. Magnetism. 2. Alloys. 3. Curie temperature. I. Title

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S 41 Al-Solami, Mohammed Ali

- 1982 EPR of  $Mn^{2+}$  in glasses of the systems  $ZnO-Al_2O_3-B_2O_3$  and  $CdO-Al_2O_3-B_2O_3$ / by Mohammed Ali Al-Solami, 1982.

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K 123 Kaka, Ismail Ebrahim San Linn

- 1993 A paleomagnetic study of central Harrat Rahat, western Saudi Arabia/ by Ismail Ebrahim San Linn Kaka, 1993.

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1. Paleomagnetism - Saudi Arabia - Harrat Rahat 2. Geomagnetism - Saudi Arabia - Harrat Rahat 3. Rocks - Saudi Arabia - Harrat Rahat - Magnetic Properties. I. Title.

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B 179 Bakry, Ahmed Hamood Ali

- 1994 Tunable UV laser-induced photofragmentation of selected Alkali halides in molecular beams/ Ahmed Hamood Ali Bakry, 1994.

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1. Molecular beams. 2. Spectrum analysis. 3. Atomic beams. 4. Alkali metal halides. 5. Resonance ionization spectroscopy. I. Title

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In 8 International Symposium on Applications and Technology of Ionizing Radiations (1982 : Riyadh)

Proceedings of the International Symposium on Applications and Technology of Ionizing Radiations :

Riyadh, 12-17 march, 1982 A.D. 17-22 Jumada al-ula 1402 A.H./ Sponsored by the College of Science, King Saud University in collaboration with King Faisal specialist and Research Centre - Riyadh : King Saud University Libraries, 1983.

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A 76 Al-Assiri, Mohammad S.

1993 Studies of the structures of some disordered materials by neutron and X-ray scattering methods/ Mohammad S. Al-Assiri, 1993.

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Oh ! Al-Ohali, Mohammad Abdulaziz

1993 Neutron scattering section and analyzing power measurements for <sup>28</sup>Si and <sup>32</sup>S and nuclear mean field from -80 to 80 MeV/ by Mohammad Abdulaziz Al-Ohali, 1993.

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1992 Studies on Neutron activation analysis for some Saudi ores using <sup>241</sup>Am / Be irradiation facility/ by Najwa A.E. Enaiah, 1992.

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1. Nuclear activation analysis.
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N 131 Nagadi, Mahmoud Mohamud

1992 Cross section and analyzing power measurements for neutron scattering from <sup>27</sup>Al and <sup>59</sup>Co and Spin-Spin cross section calculations/ by Mahmoud Mohamud Nagadi, 1992.

xiii, 177 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Duke University, 1992. - Bibliography: l. 174-176.

1. Neutron cross sections - Measurement. 2. Neutrons - Scattering - Measurement. 3. النيوترونات. I. Title

**03436**

539.7214

A 21 Al-Ayed, Mohammed Sulaiman

1986 Collision cross-sections for positrons in gases at low and intermediate energies/ by Mohammed Sulaiman Al-Ayed, 1986.

xi, 355, 19 leaves : ill. ; 30 cm.

Thesis (Ph. D.) - University of Wales, 1986. - Bibliography: l. 341-355.

1. Positrons. 2. Positrons - Emission. I. Title

**03437**

539.7214

R 14 Al-Ramadhan, Ali Hassan

1994 Precision measurement of the singlet

- positronium decay rate/ Ali Hassan Al-Ramadhan, 1994.  
xv, 186 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Michigan, 1994. - Bibliography: l. 182-186.  
1. Positronium - Measurement.  
2. Positrons. 3. Quantum electrodynamics.  
4. Quantum chromodynamics. I. Title  
**03438**
- 539.7216  
**A 44 Al-Agil, Ibrahim A**  
1982 Experimental study of quark and gluon jets in  $e^+e^-$  annihilations/ Ibrahim Al-Agil, 1982.  
iv, 170 p. : ill. ; 30 cm.  
Thesis (Ph.D.) - University of London, Imperial College, 1982. - Bibliography: p. 164-170.  
1. Hadrons - Multiplicity. 2. Quantum chromodynamics. 3. Quarks. 4. Gluons.  
5. Particles (Nuclear physics). I. Title  
**03439**
- 539.72162  
**H 225 Al-Harakan, Ahmed Mohammad**  
1982 The polarization analysis of positive pion photoproduction in the low and intermediate energy regions/ by Ahmed Mohammad Al-Harkan, 1982.  
xii, 149 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Oregon, 1982. - Also available microfiche no. 1438. - Bibliography: l. 147-149.  
1. Pion production. 2. Polarization (Nuclear physics). 3. Pions. 4. Mesons.  
I. Title  
**03440**
- 539.72162  
**S 17 Al-Shamali, Farook Mohammad Fathi**  
1992 New flavour symmetry and nonleptonic decays of D and B mesons/ by Farook Mohammad Fathi Al-Shamali, 1992.  
xi, 88 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 86-88.  
1. Mesons - Decay. 2. Electrons.  
3. Nuclear physics. 4. الميزونات (فيزياء). I. Title  
**03441**
- 539.72162  
**S 41 Al-Solami, Mohammed Ali**  
1987 Positive pion absorption on the deuteron at 30 and 10 MeV pion energy/ Mohammed Ali Al-Solami, 1987.  
x, 131 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of South Carolina, 1987. - Bibliography: l. 124.  
1. Pions - Absorption. 2. Particles (Nuclear physics). 3. Nuclear physics.  
I. Title  
**03442**
- 539.72162  
**A 11 Arafah, Mohammed Riyadh**  
1982 Meson spectra with the linear plus coulombic potential in relativistic equations/ by Mohammed Riyadh Arafah, 1982.  
x, 72 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - New Mexico State University, 1982. - Bibliography: l. 65-67. - Also available microfiche no. 1049.  
1. Mesons - Spectra. 2. Quarks.  
3. Particles (Nuclear physics). 4. الميزونات (فيزياء). I. Title  
**03443**
- 539.7234  
**J 989 Al-Juwair, Husain Abdulaziz**  
1983 Heavy ion sub-barrier fusion investigated through the 40Ca 40,44,48Ca reactions/ by Husain Abdulaziz Aljuwair, 1983.  
215 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Massachusetts Institute of Technology, 1983. - Also available microfiche no. 379. - Bibliography: l. 16-19.



1. Heavy ion fusion reactions.
2. Nuclear fusion. 3. Nuclear reactions.
4. Heavy ions - Testing. I. Title

**03444**

539.7234

S 13 Shaheen, Salem Ali Salem

- 1989 The production of very-high-energy light particles in heavy ion reactions,  $E/A = < 40$  Me V/u/ by Salem Ali Salem Shaheen, 1989.

ix, 106 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1989. - Also available microfiche no. 2544. - Bibliography: l. 105-106.

1. Heavy ion collisions. 2. Nuclear fusion. 3. Nuclear physics. 4. الأيونات. I. Title

**03445**

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G 199 Garwan, Muhammad Ahmad

- 1993 Atomic negative ion survey using accelerator mass spectrometry/ by Muhammad Ahmed Garwan, 1993.

x, 203 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Toronto, 1993. - Bibliography: l. 194-203.

1. Heavy ions - Testing. 2. Mass spectrometry - Testing. 3. الأيونات. I. Title

**03446**

539.74

G 341 Al-Ghamdi, Safar S. S.

- 1993 Nuclear orientation of  $^{147}\text{La}$ ,  $^{148}\text{Tb}$ ,  $^{148}\text{Ho}$  and spectroscopy in mass regions  $A = 70, 120$  and  $150$ / Safar S.S. Al-Ghamdi, 1993.

208 leaves : ill. (Some col.) ; 31 cm.

Thesis (Ph.D.) - University of Manchester, 1993. - Bibliography: l. 206-207.

1. Nuclear structure. 2. Nuclear orientation. 3. Nuclear spectroscopy. I. Title

**03447**

539.74

R 198 Rawas, Eissa

- 1984 Alpha particle induced reactions on even-A Ge isotope targets at 25 Mev/ Eissa Rawas, 1984.

in, 189, 28 leaves : ill. ; 32 cm.

Thesis (Ph.D.) - University of Birmingham, 1984. - Includes bibliographical references.

1. Alpha rays. 2. Germanium - Isotopes. 3. Nuclear structure. I. Title

**03448**

539.7524

K 131 Kanawi, Ahmed A.

- 1983 Characterisation of some gamma-emitting radioisotopes/ by Ahmed A. Kanawi, 1983.

94 leaves : ill. ; 30 cm.

Thesis (M. Sc.) - University of Surrey, 1983. - Bibliography: l. 91-94.

1. Radioisotopes - Decay. 2. Gamma decay. I. Title

**03449**

539.757

B 238 Barghouty, A.F.

- 1986 Pion and light fragment production in nucleus-nucleus collisions and the importance of coulomb final-state interactions/ by A.F. Barghouty, 1986.

ix, 140 p. : ill. ; 22 cm.

Thesis (Ph.D.) - Kent State University Graduate College, 1986. - Also available microfiche no. 2019. - Bibliography: p. 136-140.

1. Collisions (Nuclear physics). 2. الفيزياء النووية. I. Title

**03450**

539.757

S 41 Shehadeh, Bassam Abdulrahman Mahmoud

- 1994 Measurements of L-Subshell ionization cross sections by energetic [Alpha] particles for Ho, Er, and Tm/ Bassam Abdulrahman Mahmoud Shehadeh, 1994.

- xxiv, 247 leaves : ill. ; 29 cm.  
 Thesis (M.Sc.) - King Fahd  
 University of Petroleum and Minerals. -  
 Bibliography: l. 241-247.  
 1. Ion-atom collisions. 2. Ion  
 bombardment. 3. Collisions (Nuclear  
 physics). I. Title

**03451**

539.758

S 29 Al-Shayea, Shayea Ali

- 1988 Numerical evaluations of the  
 approximated scattering amplitude by  
 the Glauber approximation/ Shayea Ali  
 Al-Shayea, 1988.

iv, 53 leaves ; 28 cm.

Thesis (M.Sc.) - Georgia State  
 University, 1988. - Also available  
 microfiche no. 2362. - Bibliography: l. 42.

1. Nuclear physics. 2. Nuclear physics -  
 Mathematical models. 3. Scattering amplitude  
 (Nuclear physics). 4. Scattering (Physics).  
 5. المقراء النووية. I. Title

**03452**

539.758

N 188 Nasser, Mohamed Abdelrohman

- 1977 The study of the elastic scattering of  
 protons from Helium nuclei at the incident  
 proton kinetic energies of 2.68 and 4.89  
 GeV./ by Mohamed Abdelrohman Nasser,  
 1977.

xxiv, 271 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of  
 California, Los Angeles, 1977. - Also  
 available microfiche no. 1066. - Biblio-  
 graphy: l. 268-271.

1. Protons - Scattering. 2. Elastic  
 scattering. 3. المقراء نووية. I. Title

**03453**

539.762

K 528 Al-Khlatwy, Abdullah S.

- 1986 Study of fast fission factor and conversion  
 ratio of enriched uranium fuel cell/ by  
 Abdullah S. AlKhlatwy, 1406 H, 1986.

xiii, 152 leaves : ill. (Some col.) ; 29 cm.  
 Thesis (M.Sc.) - King Saud  
 University, 1986. - With Arabic summary  
 and title.

1. Uranium as fuel. 2. Nuclear  
 fission. 3. Uranium enrichment. 4. Fuel  
 cells. I. Title

**03454**

539.77

A 41 Al-Ali, A. Muti Yusuf

- 1992 Advances in semiconductor device  
 design for radiation detection in medical  
 and industrial application/ by A. Muti  
 Yusuf Al-Ali, 1992.

xv, 229 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of St.  
 Andrews, 1992. - Bibliography: l. 220-229.

1. Semiconductors. 2. Radiography,  
 Medical. 3. Radiation dosimetry. 4. Radiography,  
 Industrial. 5. Radioactivity - Instruments.  
 6. النشاط الإشعاعي. I. Title

**03455**

539.775

S 71 Al-Sunaidi, Abdulla Abdulaziz

- 1992 The neutron detection efficiency  
 measurements of A 10 inch NE213  
 scintillator/ by Abdulla Abdulaziz Al-  
 Sunaidi, 1992.

ix, 108 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd  
 University of Petroleum and Minerals,  
 1992. - Bibliography: l. 106-108.

1. Scintillation counters. 2. Neutron  
 counters. 3. Neutrons - Measurement.  
 4. الاضماع. I. Title

**03456**

540

N21 National Meeting of Chemists (3rd: 1989 :  
 1989 Dhahran)

Chemistry for development .  
 proceedings [of] 3rd National Meeting of  
 Chemists. - Proceeding [held] Dhahran, 5-  
 7 Sha'aban, 1409 H; 12-14 March, 1989

G./ [sponsored by] College of Science, King Fahd University of Petroleum and Minerals.- Dhahran: King Fahd University of Petroleum and Minerals, 1989.

xii, 588 p. : ill. ; 28 cm

1. Chemistry - Congresses. 2. Chemistry - Saudi Arabia - Congresses. I. Title II. Title: National Meeting of Chemists: proceeding

**03457**

540.3

D 561 **Dictionary of chemical terms** = Dictionnaire

1983 des termes de chimie / معجم الكيمياء / Arab Organization of Education, Culture and Sciences. - Baghdad: Iraqi Academy Publications.-Tunis: Arab Organization of Education, Culture and Sciences, 1983.

228 p. ; 24 cm.- (The unified dictionary of scientific terms for general education levels ; v. 3).

Foreword in Arabic. - Text in English, French and Arabic. - Photocopied by Saudi National Commission for Education, Culture and Sciences (Ministry of Education) in agreement with the Bureau of Coordination of Arabization.

1. Chemistry - Dictionaries - Polyglot. 2. Chemistry - Terminology. 3. الكيمياء - مصطلحات. I. Iraqi Academy Publications, corp. II. Arab Organization of Education, Culture and Sciences, corp. III. Saudi Arabia. Ministry of Education, Saudi National Commission for Unesco, corp. IV. Title: Dictionnaire de termes de chimie V. Title: معجم الكيمياء VI. Series

**03458**

540.70531

F 184 **Al-Faleh, Nasser A.**

1981 Effects of lecture-demonstration and small group experimentation teaching methods on Saudi Arabian students' chemistry achievement and attitudes toward science learning/ by Nasser A. Al-Faleh, 1981.

vii, 115 leaves ; 29 cm.

Thesis (Ph.D.) - Indiana University, 1981. - Also available microfiche no. 603. - Bibliography: 1. 77-85.

1. Saudi Arabian Students - Study and teaching. 2. Saudi Arabian students - Attitudes. 3. Educational psychology. 4. Chemistry - Study and teaching - Saudi Arabia. 5. الكيمياء - تعليم - السعودية. I. Title

**03459**

540.712

K 962 **Al-Kunifed, Ali**

1993 Investigation of high school chemistry students' concepts of chemical symbol, formula, and equation : students' prescientific conceptions/ by Ali Al-Kunifed, 1993.

vii, 278 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Louisiana State University, 1993. - Bibliography: 1. 181-98.

1. Chemistry - Notation - Study and teaching (High school). 2. الكيمياء - تعليم. I. Title

**03460**

540.712531

M 283 **Maiman, Solaiman Ibrahim**

1983 Assessment of piagetian cognitive abilities required for the twelfth grade male science students in Saudi Arabia to understand selected chemistry concepts taught to them/ by Solaiman Ibrahim Maiman, 1983.

ix, 108 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Northern Colorado, 1983. - Bibliography: 1. 103-108.

1. Chemistry - Study and teaching (Secondary) - Saudi Arabia. 2. Constructivism (Education). 3. Chemistry - Curricula. 4. الكيمياء - تعليم - السعودية. I. Title

**03461**

540.7209531

N 213 **National Meeting of Chemists (2nd :**

1987

**1986: Riyadh)**

The Second National Meeting of Chemists.

Chemists : proceedings/ [ sponsored by]  
King Saud University. College of Science,  
Department of Biochemistry.- Riyadh :  
King Saud University, 1987.

xii, 689 p. : ill. ; 30 cm.

1. Chemists - Congresses. 2. Chemistry -  
Research - Congresses. 3. - بمؤتمرات  
الكيمياء - مؤتمرات. I. King Saud University. College of  
Science, corp. II. Title. III. Title: الاجتماع الوطني  
للكيميائيين

**03462**

540.76

R 942 Al-Ruwashid, Mohammed Suliman  
1984 Abdulrahman

The effects of a lecture-only and  
lecture-laboratory approach on Riyadh  
junior college, Saudi Arabia chemistry  
students' achievement and attitudes/ by  
Mohammed Suliman Abdulrahman Al-  
Ruwashid, 1984.

xii, 218 leaves ; 28 cm.

Thesis (Ph.D.) - University of  
Northern Colorado, 1984. - Also available  
microfiche no. 438. - Bibliography: l.  
205-218.

1. Junior college students - Riyadh -  
Ability testing. 2. Chemistry - Study and  
teaching (Secondary) - Riyadh - Ability  
testing. 3. French literature - 20th century -  
History and criticism - Theory, etc. I. Title

**03463**

541.04229

M 839 Morsy, Mohamed Ali Mohamed

1993 Electron spin resonance studies of  
solute-solvent interaction in liquid-  
crystalline solvents/ by Mohamed Ali  
Mohamed Morsy, 1993.

xxii, 197 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd  
University of Petroleum and Minerals,  
1993. - Bibliography: l. 187-197.

1. Liquid crystal devices. 2. Liquid  
crystalline solvents. 3. البلور. I. Title

**03464**

541.22

G 995 Gwaiz, Abdel Aziz A.

1972 Determination of the molecular symmetry  
in the triplet state using phosphorescence -  
microwave double resonance techniques/ by  
Abdel Azzaz A. Gwaiz, 1972.

xiv, 184 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California,  
1972. - Also available microfiche no. 1053. -  
Bibliography: l. 176-184.

1. Molecular structure. 2. Molecular  
theory. 3. الكيمياء الفيزيائية. I. Title

**03465**

541.224

S 99 Saygh, Abdelhamed Ahmed

1989 Preparation and characterization of  
binuclear complexes of ruthenium, cobalt,  
nickel, and iron/ by Abdelhamed Ahmed  
Saygh, 1989.

viii, 63 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Central Washington  
University, 1989. - Also available microfiche  
no. 2495. - Bibliography: l. 61-63.

1. Chemical bonds. 2. Valence  
(Theoretical chemistry). 3. الكيمياء الفيزيائية. I. Title

**03466**

541.2242

S 95 Shuwail, Hala Ali

1995 Studies on mixed ligands complexes/  
by Hala Ali Shuwail, 1416 H, 1995.

xv, 219 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz Uni,  
1995. - Summary in Arabic at endpaper. -  
Bibliography: l. 205-219

1. Ligands. 2. Coordination compounds.  
3. Chemical bonds. I. Title

**03467**

541.226

J 362 Al-Jeffery, Mohammed Omar

1985 Intermolecular potential energy of two  
water molecules - in the density functional  
formalism/ by Mohammed Omar Al-  
Jeffery, 1985.

iv, 62 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Oklahoma State University, 1985. - Also available microfiche no. 1911-Bibliography: 1. 50-52.

1. Intermolecular forces. 2. Molecules. 3. Chemical bonds. 4. الكيمياء الفيزيائية. I. Title

**03468**

541.26

S 41 Al-Shehri, Saad

1989 Stoichiometry, products and kinetics of monotransmetalation and complexation of  $(u_4-O)N_4Cu_4-xMxX_6$  complexes with  $M(NS)_n$  reagents in nitrobenzene : direct evidence for reaction precursors and product adducts/ by Saad Al-Shehri, 1989. xii, 99 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Northeastern University, 1989. - Also available microfiche no. 2591. - Bibliography: 1. 97-99.

1. Stoichiometry. 2. Chemistry, Physical and theoretical. 3. الكيمياء الفيزيائية. I. Title

**03469**

541.28

K 122 Al-Kahtani, Abdullah A.

1992 High resolution spectroscopy of  $BeB_2H_8$  and  $C_2H_6$ / by Abdullah A. Al-Kahtani, 1992.

102 leaves ; 28 cm.

Thesis (M.Sc.) - Oregon State University, 1992. - Bibliography: 1. 100-102.

1. Molecular spectroscopy. 2. Beryllium-Spectra. 3. Quantum chemistry. 4. كيمياء الكم. I. Title

**03470**

541.34

B 199 Balkhoyor, Hasan Bakor Abdullah

1993 A Study of translational diffusion constants of paramagnetic species in solution/ by Hasan Bakor Abdullah Balkhoyor, 1993.

ix, 139 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: 1. 119-123.

1. Solution (Chemistry). 2. Matter - Properties. 3. Diffusion. 4. Chemistry, Physical and theoretical. 5. الكيمياء الفيزيائية. I. Title

**03471**

541.3423

K 527 Al-Khamis, Khalil Ibrahim

1978 The behavior of selected organic bases in acetonitrile-benzene mixtures/ by Khalil Ibrahim Al-Khamis, 1978.

vii, 105 leaves ; 29 cm.

Thesis (M.Sc.) - University of Toledo, 1978. - Also available microfiche no. 1178. - Bibliography: 1. 100-105.

1. Nonaqueous solvents. 2. Organic solvents. 3. Volumetric analysis. 4. Complexometric titration. 5. Chemistry, Physical and theoretical. 6. الكيمياء الفيزيائية. I. Title

**03472**

541.35

H 964 Al-Husseini, Salwa M.

1986 A Study of photo and photoinduced reactions of some cationic dyes with some ketones = دراسة لتفاعلات ضوئية ومحفزة بالضوء لبعض الصبغات الايونية الموجبة مع بعض الكيتونات/ by Salwa M. Al-Husseini; supervisor. Layla A. Al-Husseini. - Jeddah : Girls College of Education, 1986.

v, 162 p. : ill. ; 28 cm.

1. Chemistry. 2. Photochemistry. 3. الكيمياء الضوئية. I. Title. II. Title: دراسة لتفاعلات ضوئية ومحفزة بالضوء لبعض الصبغات الايونية الموجبة مع بعض الكيتونات

**03473**

541.353

T 32 Al-Thabaiti, Shaeel A.

1990 Photocatalytic efficiency for multielectron reductions on small-particle  $TiO_2$  catalysts/ Shaeel A. Al-Thabaiti, 1990.

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Thesis (Ph.D.) - University of Missouri-Columbia, 1990. - Bibliography: I. 119-133.  
1. Chemistry. Physical and theoretical.  
2. Catalysts. 3. Photochemistry. I Title  
**03474**
- 541.361  
F 221 Al-Farayedhi, Abdulghani Abdalla  
1987 Laser-induced fluorescence measurements of CH. CN. NH. OH. and NH<sub>2</sub> intermediates in CH<sub>4</sub>-NO<sub>2</sub>-O<sub>2</sub> and CH<sub>2</sub>O-NO<sub>2</sub>-O<sub>2</sub> flames/ by Abdulghani Abdalla Al-Farayedhi, 1987.  
xvii, 220 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Colorado, 1987. - Bibliography: I. 208-215.  
1. Laser photochemistry. 2. Fluorescence spectroscopy. 3. Flame. 4. Combustion. I Title  
**03475**
- 541.372  
S 24 Al-Sogair, Fowziyah M.S.  
1982 Mixed-ligand complexes of some divalent metal ions with vitamin B6 and histidine/ by Fowziyah M.S. Al-Ezaby.- Kuwait : Dept. of Chemistry, Kuwait University, 1982.  
xx, 156 p. ; 30 cm.  
Thesis (M.Sc.) - Kuwait University, 1982.  
1. Chemistry, Inorganic. 2. Metal ions. I Title  
**03476**
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K 527 Al-Khateeb, Latefa A.  
1994 Development and applications of some ion-selective electrodes/ by Latefa A. Al-Khateeb, 1415 H, 1994.  
xvi, 128 leaves : ill. ; 30 cm.  
with introduction and title in Arabic : تطوير وتطبيقات لبعض الأقطاب الانتقائية. - Thesis (M.Sc.) - King Abdul Aziz University, 1994. - Bibliography: I. 110-128.  
1. Electrodes, Ion selective. 2. Electrodes. I. Title. II. Title: تطوير وتطبيقات لبعض الأقطاب الانتقائية  
**03477**
- 541.3724  
A 79 Assubaie, Fahad Nasser  
1982 Electrochemical analysis of ferrocenes immobilized on highly ordered pyrolytic graphite : an examination of the immobilization mechanism/ by Fahad Nasser Assubaie, 1982.  
xi, 80 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Southern Methodist University, 1982. - Also available microfiche no. 1712. - Bibliography: I. 76-80.  
1. Graphite. 2. Ferrocene. 3. Electrochemical analysis. 4. Electrodes. 5. التحليل الكهروكيميائي. I Title  
**03478**
- 541.3728  
F 829 Al-Fouzan, Mohammed Khalid  
1993 Titration curve estimation using neural network/ by Mohammed Khalid Alfouzan, 1993.  
45 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Case Western Reserve University, 1993. - Also available microfiche no. 3467. - Bibliography: I. 19.  
1. Volumetric analysis - Data processing. 2. Neural networks (Computer science). 3. Hydrogen-ion concentration. 4. Water - Electrolysis. 5. Electrolyte solutions. I Title  
**03479**
- 541.3728  
J 251 Al-Janabi, Yahya Taqui  
1993 Chronoamperometric evaluation of several organic corrosion inhibitors by the measurement of the hydrogen permeation flux/ by Yahya Taqui Al-Janabi, 1993.  
xx, 108 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: I. 101-106.

1. Hydrogen-ion-concentration.
  2. Metals - Hydrogen content.
  3. Permeability. 4. الهيدروجين. I. Title
- 03480**
- 541.39  
M 369 **Al-Marzoqi, Badi M.M.**  
1987 The effect of pressure upon Menschutkin and Michael reactions/ by Badi M.M. AlMarzoqi, 1987.  
607 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Reading, 1987. - Bibliography: l. 607.  
1. Chemical reactions. I. Title
- 03481**
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S 41 **Al Solai, Solaiman Hammed**  
1983 The grignard reagent : structure, formation and mechanism of the reactions/ by Solaiman Hammed Al Solai, 1983.  
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Thesis (M.Sc.) - Texas A and I University, 1983. - Also available microfiche no. 1028. - Bibliography: l. 59-62.  
1. Grignard reagents. 2. انفاعلات الكيميائية. I. Title
- 03482**
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M 11 **Maadah, Ali Ghormullah**  
1978 Calculated chemical reaction equilibrium for the claus process/ by Ali Ghormullah Maadah, 1978.  
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1. Chemical equilibrium - Computer programs. 2. Chemical reactions - Data processing. 3. معالجات - التفاعلات الكيميائية - البيانات. I. Title
- 03483**
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A 42 **Al-Arifi, Abdullah S.N.**  
1994 Copolymerization studies using ziegler-natta catalysts/ Abdullah S.N. Al-Arifi, 1994.  
xiv, 235 leaves ; 30 cm.  
Thesis (Ph.D.) - University of Manchester, 1994. - Bibliography: l. 227-235.  
1. Polymerization. 2. Chemical reactions. 3. Ziegler-Natta catalysts. I. Title
- 03484**
- 541.393  
D 85 **Al-Duaij, Omar K.**  
1993 Reactions of 5-Amino-4-(formimidoyl) Imidazoles/ Omar K. Al-Duaij, 1993.  
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Thesis (M.Sc.) - Victoria University of Manchester, 1993. - Bibliography: l. 165-168.  
1. Chemical Kinetics 2. Chemical reaction, Conditions and laws of. 3. Chemical reactions. 4. Amino acids. I. Title
- 03485**
- 541.393  
H 859 **Htun, Maung Than**  
1994 Excited state reaction kinetics of 4-hydroxy - 1 - Naphthalenesulphonate in various alcohol-water mixtures/ Maung Than Htun, 1994.  
xix, 148 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 144-148.  
1. Chemical Kinetics. 2. Motion. 3. Hydroxylation. I. Title
- 03486**
- 541.393  
T 21 **Tayim, Hassan A.**  
1989 Homogeneous catalysis of the reactions of Olefins by Platinum groups coordination compounds/ Hassan A. Tayim- Riyadh : KACST, General Directorate of Research Grants Programs, 1989.  
43, 9 p. : ill. ; 24 cm.  
with summary in Arabic and Title: استخدام مركبات مجموعة البلاتين كعوامل حفز

1. Chemical reactions. 2. Alkenes.
3. Platinum group catalysts. 4. اضمادات  
الكيميائية. I. Title. II. Title: استخدام مركبات  
بجموعة البلاتين كموامل حفز

**03487**

541.394

F 17 Faisal, Khalid F.

- 1975 Kinetics of dehydration of 9 - benzhydryl - 9 - fluoreneol and biphenylenediphenylcarbinol/ by Khalid F. Faisal, 1975.

ii, 46 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Saint Louis University, 1975. - Also available microfiche no. 1021. - Bibliography: 1 44-45.

1. Chemical Kinetics. 2. Perchloric acid. 3. التفاعلات الكيميائية. I. Title

**03488**

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M 288 Al-Majid, Abdullah Mohammad A.

- 1994 Asymmetric transition metal catalysis based on carbohydrates/ Abdullah Mohammad A. Al-Majid, 1994.

iv, 209 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Manchester, Institute of Science and Technology, 1994. - Bibliography: 1. 199-209.

1. Chirality. 2. Enantiomers.
3. Stereochemistry. 4. Catalysts. I. Title

**03489**

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S 61 Al-Shihry, Shar Saad S.

- 1993 Optically active photochromic fulgides/ Shar Saad S. Al-Shihry, 1993.

xiv, 235 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1993. - Bibliography: 1. 234-235.

1. Optical rotation. 2. Photochromism.
3. Photochemistry. I. Title

**03490**

542.107

E 71 Experiments in chemistry: Chem. 101. -

1994 Dhahran : KFUPM, 1994.

vi, ca. 104 p. : ill. ; 29 cm.

ISBN 9960-07-021-2

1. Chemistry - Experiments - Study and teaching. 2. Chemical laboratories.
- I. King Fahd University of Petroleum and Minerals. Chemistry Department, corp.

**03491**

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E 71 Experiments in chemistry : Chem. 102. -

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v, 96 p. : ill. ; 30 cm.

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1. Chemistry - Experiments - Study and teaching. I. King Fahd University of Petroleum and Minerals. Chemistry Department, corp.

**03492**

543

L 932 Lounici, Ali

- 1993 Voltammetric assays and behavior of norfloxacin and nalidixic acid antibacterial drugs/ by Ali Lounici, 1993. xxii, 194 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: p. 190-194.

1. Chemistry, Analytic. 2. Voltammetry.
3. Electrochemical analysis. 4. الكيمياء التحليلية. I. Title

**03493**

543.0858

S 91 Suwaiyan, Abdul-Aziz

- 1982 Linear dichroism spectroscopy of Indoles/ Abdul-Aziz Suwaiyan, 1982.

183 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1982. - Bibliography: 1. 176-183.

1. Linear dichroism. 2. Indoleacetic acid - Spectra. 3. Spectrum analysis. I. Title

**03494**

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M 261 Al-Madani, Saleh Abdul Rahman Sobh

1982 The effects of wavelength errors and



some other errors on the analysis of mixtures UV-visible spectrophotometry/ by Saleh Abdul Rahman Sobh Almadani, 1982.

vii, 291 leaves ; 31 cm.

Thesis (M.Sc.) - Herriot-Watt University, 1982. - Bibliography: l. 289-291.

1. Spectrophotometry. 2. Chemistry, Analytic. 3. Absorbance scale (Spectroscopy). I. Title

**03495**

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**S 13 Swaidan, Hassan Mohammed**

1983 Electrothermal sample introduction for inductively coupled plasma emission spectroscopy/ by Hassan Mohammed Swaidan, 1983.

ix, 111 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Washington, 1983. - Bibliography: l. 107-111. - Also available microfiche no. 389.

1. Plasma spectroscopy. 2. Furnace atomic absorption spectroscopy. 3. التحليل الحراري. I. Title

**03496**

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**Ob 1 Obaid, Abdullah Yousif**

1984 An electron spin resonance study of substituted bipyridylum radicals/ Abdullah Yousif Obaid, 1984.

320 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University College, Cardiff, 1984. - Bibliography: l. 314-320.

1. Electron paramagnetic resonance. 2. Bipyridinium compounds. 3. Electron spin echoes. I. Title

**03497**

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**H 88 Al-Humalzi, Khalid**

1990 Feedback control of a countercurrent moving bed reactor/ by Khalid Alhumaizi, 1990.

136 leaves in var. foliations ; 29 cm.

Thesis (M.Sc.) - University of Minnesota, 1990. - Includes bibliography.

1. Countercurrent chromatography.

2. Chromatographic analysis. 3. الكيمياء التحليلية. I. Title

**03498**

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**M 98 Al-Mutairy, Ahmed R.**

1980 Section I: chromatography of ribonuclease on hydroxylapatite : section II. reaction of threo-B-hydroxyl-L-aspartate with aspartate aminotransferase/ by Ahmed R. Al-Mutairy, 1980.

47 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Indiana University, 1980. - Also available microfiche no. 1026. - Bibliography: l. 45-46.

1. Chromatographic analysis. 2. التحليل الكروماتوجرافي. I. Title

**03499**

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**S 23 Sharaf, Mohammad Abdallah**

1982 Qualitative and quantitative resolution of unseparated components in gas chromatography - mass spectrometry/ by Muhammad Abdallah Sharaf, 1982.

vii, 103 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Washington, 1982. - Also available microfiche no. 1064. - Bibliography: l. 99-103.

1. Chromatographic analysis. 2. Spectrum analysis. 3. الكيمياء التحليلية. I. Title

**03500**

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**M 88 El-Mubarak, Aarif Hassan**

1995 High performance liquid chromatographic separation of some psychotherapeutic benzodiazepines with chemometrical optimization/ by Aarif Hassan El-Mubarak, 1995.

xi, 99 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 94-99.

1. Liquid chromatography.
2. Benzodiazepines. I. Title

**03501**

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A 39 Ashy, Ahmed Abbas

- 1981 Die silylierung als Derivatisierungsmethode für die analytische Bestimmung der L-Ketocarbonsäuren/ Ahmed Abbas Ashy, 1981.

57, 4 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - Karl-Fraunhofer - Universität Graz, 1981. - Bibliography: l. 58-57.

1. Gas chromatography. 2. Chromatographic analysis. I. Title

**03502**

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W 422 Al-Wehaid, Abdulaziz

- 1987 Spectrophotometric flow injection analysis/ Abdulaziz Alwehaid, 1987.

226 leaves : ill. (Some col.) ; 30 cm.

Thesis (Ph.D.) - University of Hull, 1987. - Bibliography: l. 220-222.

1. Flow injection analysis.
2. Spectrometer. I. Title

**03503**

544.5

S 57 Sonbol, Ridha Hamza Othman

- 1994 Purification studies of prokallikrein from bovine kidney and camel pancreas/ by Ridha Hamza Othman Sonbol, 1994.

236 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Essex, 1994. - Bibliography: l. 204-236.

1. Dialysis. 2. Kallikrein. 3. Pancreas - Secretions. I. Title

**03504**

546.2

A 32 Abdulsalam, Mohammed

- 1991 Effect of hydrogen on erosion-corrosion of steel : transient behavior/ by Mohammed Abdulsalam, 1991.

x, 138 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Arizona State University, 1991. - Bibliography: l. 107-113.

1. Hydrogen. 2. Metals - Erosion.
3. الخدروحات. I. Title

**03505**

546.39324

R 863 Al-Rumaih, Abdulaziz Mohammed

- 1983 The role of foreign ions and temperature in the behaviour of calcium silicate hydrate gel/ Abdulaziz Mohammed AlRumaih, 1983.

267 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Brunel University, 1983. - Bibliography: l. 252-267.

1. Calcium silicates. 2. Hydration .
- I. Title

**03506**

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M 86 Moufti, Asaad M. B.

- 1987 The Separation and determination of rare earths in phosphate deposits from the north of the Kingdom of Saudi Arabia/ by Asaad M. B. Moufti. - Boston spe, Wetherby : British Library Document Supply Centre, 1987.

xii, 283 leaves : ill. ; 27 cm. - (British thesis).

Thesis (Ph.D.) - University of Strathclyde, Glasgow, 1987. - Bibliography: l. 274-283.

1. Barths, Rare - Saudi Arabia. 2. Rare earth metals. 3. Chemistry, Inorganic.
4. Phosphate rock - Saudi Arabia.
5. Phosphates - Separation. I. Title II. Series

**03507**

546.522

T 32 Al-Thabaiti, Shaeel A.

- 1987 Thermodynamics of aqueous Vanadium V oxo-species/ Shaeel A. Al-Thabaiti, 1987.

v, 64 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Missouri-Columbia, 1987. - Bibliography: l. 62-64.

1. Chemistry, Physical and theoretical.
2. Vanadium. I. Title

**03508**

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**S 16 Shalabi, Mazen Ahmad**

- 1972 DC-electric field effect on the catalytic oxidation of carbon monoxide on nickel oxide/ by Mazen Ahmed Shalabi, 1972.

xi, 71 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Cornell University, 1972. - Also available microfiche no. 1152. - Bibliography: l. 60-63.

1. Nickel catalysts. 2. Nickel compounds.
3. النيكيل. I. Title

**03509**

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**B 179 Bakkar, Mohammed Salem**

- 1994 Reactions of Platinum (II) ethene complexes with amines and imines/ by Mohammed Salem Bakkar, 1994.

ix, 108 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of York. - Bibliography: l. 107-108.

1. Platinum - Reactivity. 2. Alkanes.
3. Amines. I. Title

**03510**

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**H 127 Haiza, Mohammed Ali**

- 1992 Studies on asymmetric osmium tetraoxide hydroxylation of olefins/ by Mohammed Ali Haiza, 1992.

xv, 229 leaves ; 28 cm.

Thesis (Ph.D.) - Boston University, 1992. - Bibliography: l. 214-229.

1. Osmium. 2. Osmium compounds.
3. Chemistry. I. Title

**03511**

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**Y 83 Al-Youbi, Abdul Rahman**

- 1986 Nuclear magnetic resonance studies of some Osmium complexes/ Abdul Rahman Obaid Alyoubi, 1986.

147 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Essex, 1986. - Includes bibliographical references.

1. Osmium compounds. I. Title

**03512**

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**G 341 Ghazi, Ibrahim Hamed**

- 1993 <sup>15</sup>N and <sup>13</sup>C NMR studies of the interaction of cyanide ion with gold (I) drugs/ by Ibrahim Hamed Ghazi, 1993.

xiv, 110 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 101-110.

1. Gold - Electrometallurgy. 2. Gold - Metallurgy. 3. Cyanide process. 4. النحاسة (فصل). I. Title

**03513**

546.661

**Q 65 Qusti, Abdulla Hossain**

- 1981 Vaporization studies of zinc indium sulfide/ by Abdulla Hossain Qusti, 1981.

vi, 45 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Toledo, 1981. - Also available microfiche no. 886. - Bibliography: l. 44-45.

1. Zinc sulphide. 2. Zinc compounds.
3. Zinc oxide. 4. زنك. I. Title

**03514**

546.724

**A 81 Al-Attar Adly, Adly Fadel**

- 1987 Selenium and trace metals as pollutants/ Adly Fadel Al-Attar, 1987.

533 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Bristol, 1987. - Includes bibliographies.

1. Selenium. 2. Selenosis. I. Title

**03515**

546.73222

**K 846 Kosa, Samia A.**

- 1993 Thermodynamic properties of mixtures of aqueous solutions of hydrochloric acid and cadmium chloride, copper chloride, manganese chloride, and zinc chloride/ by Samia A. Kosa, 1993.

- vii, 84 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Western Michigan University, 1993. - Also available microfiche no. 3402. - Bibliography: 1. 79-84.  
1. Chlorine compounds. 2. Chlorides.  
I. Title
- 03516**
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N 145 Al-Najjar, Ibrahim M.  
1988 The Organic chemistry problem solver = مسائل حلولة في الكيمياء العضوية by Ibrahim M. Al-Najjar.- Riyadh : AlKheraiji Bookshop, 1988.  
x, 269 p. : ill. ; 24 cm.  
Text in English and Arabic.  
1. Chemistry, Inorganic. 2. الكيمياء العضوية. I. Title
- 03517**
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N 145 Al-Najjar, Ibrahim M.  
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1. Chemistry, Inorganic. 2. الكيمياء العضوية. I. Title
- 03518**
- 547  
M 580 Miana, Ghulam A.  
1987 Organic chemistry : an introduction/ by Ghulam A. Miana, Ibrahim M. Al-Najjar.- Riyadh : AlKheraiji Bookshop, 1987.  
xvi, 480 p. : ill. ; 24 cm.  
1. Chemistry, Inorganic. 2. الكيمياء العضوية. I. Al-Najjar, Ibrahim M., j.a. II. Title
- 03519**
- 547 01  
H 213 Al-Harbi, Dulaihan Khulaiwi  
1982 Viscosity of selected hydrocarbons saturated with gas/ by Dulaihan Khalaiwi Al-Harbi, 1982.  
vii, 75 leaves : ill. ; 28 cm.
- 03520**
- 547 0204569  
H 58 Hina, Rateb Hasan M.  
1984 The Kinetics and thermodynamics of reactions of organic fluorine compounds / by Rateb Hasan M. Hina, 1984.  
177 leaves : ill. ; 31 cm.  
Thesis (Ph.D.), 1984. - Bibliography: 1. 172-177.  
1. Chemistry, Physical and theoretical. 2. Thermodynamics. I. Title
- 03521**
- 547.03  
H 176 Hamed, Fareed H.  
1981 Dehydrophorylation and aromatic substitution in functional surfactants, micelles in ethylene glycol-water, and microemulsions containing functional surfactant/ by Fareed H. Hamed, 1981.  
xxvii, 290 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of California Santa Barbara, 1981. - Bibliography: 1. 283-290.  
1. Hydroxides. 2. Ethylene oxide. 3. Micelles. 4. Surface active agents. 5. Emulsions. 6. Critical micelle concentration. I. Title
- 03522**
- 547.036044252  
M 464 Mecci, Mohamed S. I. Tawfiq  
1983 Condensations between amines and carbonyl compounds/ Mohamed S.I. Tawfiq Mecci, 1983.  
176 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Wales, 1983. - Bibliography: 1. 171-176.

1. Aldehydes. 2. Amines. 3. Tautomerism.  
I. Title

**03523**

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S 16 Al-Shalan, Abdullah Mohammed

1985 NMR studies of some imines and their derivatives/ by Abdullah Mohammed Al-Shalan, 1406 H, 1985.

ii, 167, 2 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Saud University, 1985. - With Arabic summary and title: دراسة أطراف الطين التسوي المناطيسي لبعض الأيمينات ومشتقاتها. - Bibliography: 1. 164-167.

1. Nuclear magnetic resonance spectroscopy. 2. Nonmetals - Analysis. 3. Imines - Analysis. 4. Amino acids - Analysis. I. Title II. Title: أطراف الطين التسوي المناطيسي لبعض الأيمينات ومشتقاتها

**03524**

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D 812 Bin Drees, Ibrahim Saad

1993 Conformational analysis of N-acetyl N'-methyl alanyl amide by combined gas electron diffraction and AB initio calculations/ by Ibrahim Saad Bin Drees, 1993.

ix, 230 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Arkansas, 1993. - Also available microfiche no. 3205. - Bibliography: 1. 229-230.

1. Amides. 2. Amines. 3. Chemistry, Organic. 4. الكيمياء العضوية. I. Title

**03525**

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S 17 Shaman, Ealyyan S. E.

1984 Transitional metal complexes of Norephedrine/ Ealyyan S.E. Shaman, 1984.

vi, 15 leaves : ill. ; 28 cm.

Bibliography: 1. 15.

1. phenylpropanolamine. 2. Ligands. I. Title

**03526**

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A 52 Ahmed, Syed Zaka

1995 Cyclopolymerization of unsaturated quaternary piperazinium compounds/ by Syed Zaka Ahmed, 1995.

xv, 99 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: 1. 96-99.

1. Piperazine. 2. Polymerization.

I. Title

**03527**

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L 831 Al-Lohedan, Hamad A

1981 Micellar effects upon nucleophilic displacements and relation to reaction mechanisms "ion-exchange model" vs. "mass action model"/ by Hamad A. Al-Lohedan, 1981.

xv, 392 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, Santa Barbara, 1981. - Also available microfiche no. 1062. - Bibliography: 1. 374-392. - Copy two is in 2 vols..

1. Methylamines. 2. Micelles. 3. Ion exchange. 4. Ionic equilibrium. 5. الأيونات. I. Title

**03528**

547.05

Q 97 Al-Qwidi, Husaa A.

1985 Kinetics of some reactions of organotransition-metal complexes = دراسة كينيتكية لتفاعلات بعض المركبات العضوية للمعابر الانتقالية/ by Husaa A. El-Qwidi, 1985.

iii, 154 p. : ill. ; 28 cm.

Thesis (M.Sc.) - Girls College of Education, 1985.

1. Organotransition metal compounds. 2. Organometallic compounds. I. Title II. Title: دراسة كينيتكية لتفاعلات بعض المركبات العضوية للمعابر الانتقالية

**03529**

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G 361 Abu-Gideiri, Fatima

1993 Investigations of cyclopentadienyl and pentamethylcyclopentadienyl molybdenum complexes/ by Fatima Abugideiri, 1993.

xiv, 179 leaves : ill.

Thesis (Ph.D.) - University of Maryland, 1993. - Bibliography: l. 166-79.

1. Molybdenum compounds.
2. Organomolybdenum compounds.
3. Organometallic chemistry. 4. الكيمياء العضو معدنية. I. Title

03530

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D 54 Al-Diab, Salem Slayyem Salem.

1981 Synthesis of organo-tin compounds suitable for polymerization/ by Salem S. Al-Diab, 1981.

21 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Cincinnati, 1981. - Also available microfiche no. 1183. - Bibliography: l. 21.

1. Organotin compounds. 2. الكيمياء العضو معدنية. I. Title

03531

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D 54 Al-Diab, Salem Slayyem Salem

1982 I. Synthesis and polymerization studies of organotin compounds. II. synthesis of novel organotin compounds/ by Salem Slayyem Salem Al-Diab, 1982.

169 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Cincinnati, 1982. - Also available microfiche no. 1451. - Bibliography: l. 107-110.

1. Organotin compounds. 2. Tin compounds. 3. القصدير. I. Title

03532

547.08

N 186 Abu Al-Nasr, Ahmad K.

1992 Kinetic studies of sterically hindered organosilicon compounds/ by Ahmad K. Abu Al-Nasr, 1992

ii, 195 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Sussex, Brighton, 1992. - Bibliography: l. 189-195.

1. Organosilicon compounds. 2. الكيمياء العضوية. I. Title

03533

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W 286 Al-Wassil, Abdulaziz Ibrahim

1984 Some sterically hindered organosilicon reactions/ Abdulaziz Ibrahim Al-Wassil, 1984.

viii, 206 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Sussex, 1984. - Bibliography: l. 194-206.

1. Organosilicon compounds. I. Title

03534

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M 318 Mansour, Abdulrahman I.

1984 Some new sterically-hindered organosilicon systems/ Abdulrahman I. Mansour, 1984.

190 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Sussex, 1984. - Bibliography: l. 181-190.

1. Organosilicon compounds. 2. Steric hindrance. 3. Chemical reactions. I. Title

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H 275 Al-Hassan, Mohammed Ibrahim

[19-] The utility of bromovinylsilanes in organic synthesis/ by Mohammed Ibrahim Al-Hassan, [19-].

ii, 159 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of California, [19-]. - Bibliography: l. 157-159. - Also available microfiche no. 430.

1. Organic compounds - Synthesis.
2. Chemical reactions. 3. Bromine compounds.
4. Chemistry, Organic. 5. الكيمياء العضوية. I. Title

03536

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A 35 Al-Arfaj, Abdulrahman Ahmed

1985 Synthesis, reactivity, and thermal

- decomposition of Bis-and Tris-(Trimethylphosphine) diacylnickel (II) complexes/ by Abdulrahman Ahmed Al-Arfaj, 1985  
v, 116 p. : ill. ; 27 cm.  
Thesis (Ph.D.) - Washington University, 1985.  
1. Chemistry, Organic. 2. Alkylation.  
3. الكيمياء العضوية. I. Title
- 03537**
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M 88 Muathin, H. A.  
1985 The synthesis of some carbocyclic and heterocyclic annulated derivatives of biphenylene/ H.A. Muathin, 1985 .  
v, 184 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Bristol, 1985. - Bibliography: 1. 172-184.  
1. Biphenyl compounds. I. Title
- 03538**
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S 13 Al-Shahri, Saad Ali  
1980 Reaction of Thallium (III) trifluoroacetate with alkenes/ by Wahib E. Abdalati, 1980.  
x, 102 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Eastern New Mexico University, 1980. - Also available microfiche no. 1000. - Bibliography: 1. 87-88.  
1. Alkenes - Oxidation. 2. الكيمياء العضوية. I. Title
- 03539**
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R 311 Al-Resayes, Saud Ibrahim  
1985 Phospha-alkyne complexes of the platinum metals/ Saud Ibrahim Al-Resayes, 1985.  
231 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Sussex, 1985. - Includes bibliographical references.  
1. Organophosphorus compounds - Structure. 2. Organoplatinum compounds - Structure. I. Title
- 03540**
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H 95 Al-Husaini, Abdulrahman Hasan  
1985 Cyanoketenes cycloadditions : part 1. cyanoketenes. cycloaddition of tert-butyl-cyanoketene to Enol Ethers. A nonconcerted 22 Cycloaddition. Part 2. Cyanoketenes. Cycloaddition of Tert-Butyl-Cyanoketene to conjugated dienes/ by Abdulrahman Hasan Al-Husaini, 1985.  
2 v. : ill. ; 29 cm.  
Thesis (Ph.D.) - University of California, 1985. - Also available microfiche no. 1397. - Bibliography: 1. 134-141 (v.1).  
1. Ring formation (Chemistry). 2. Cyclic compounds. 3. الكيمياء العضوية. I. Title
- 03541**
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M 88 Al-Muallem, Hasan Ali Saleh  
1992 Cycloaddition reactions of a heterocyclic nitron/ by Hasan Ali Saleh Al-Muallem, 1992.  
xiv, 164 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: 1. 156-164..  
1. Heterocyclic compounds. 2. Ring formation (Chemistry). 3. الكيمياء العضوية. I. Title
- 03542**
- 547.59  
H 175 Hamdan, Abdulla Jaafar Salman  
1986 Heterocyclic quinone as potential bioreductive alkylating agents/ by Abdulla Jaafar Salman Hamdan, 1986.  
xix, 251 p. : ill. ; 28 cm.  
Thesis (Ph. D.) - University of California, 1986.  
1. Chemistry, Organic. 2. الكيمياء العضوية. I. Title
- 03543**

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S 91 Al-Suwaidan, Ibrahim A.

1987 Heterocyclic compounds as novel substrates for Glutathione transferase/ by Ibrahim A. Al-Suwaidan, 1987.

vi, 262 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Bradford,

1987. - Bibliography: L 243-245.

1. Heterocyclic compounds.

2. Glutathione transferase. 3. Chemical reactions. I. Title

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S 11 Al-Saadi, Mohammed Sader

1989 Synthesis of new heterocycles from substituted pyrroles/ Mohammed Sader Al Saadi, 1989.

x, 141 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Missouri-Columbia, 1989. - Bibliography: I. 138-140.

1. Pyrrole. 2. Heterocyclic compounds.

3. Organonitrogen compounds. I. Title

03545

547.593

G 341 Ghaith, Abdulatif Mohammed

1987 The emission of pyridine and polypyridinechromium (III) complexes in rigid and fluid media/ by Abdulatif Mohammad Ghaith, 1987.

xvi, 152 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1987. - Also available microfiche no. 1482. - Bibliography: I. 148-152.

1. Pyridine. 2. Heterocyclic compounds.

3. الكيمياء العضوية. I. Title

03546

547.594

A 32 Al-Abdulhadi, Abdullatif Ibrahim

1995 Protective effects of substituted 1(benzy) 1-H- 1,2,3 triazole compounds on the dissolution of iron in HCl solution/ by Abdullatif Ibrahim Al-Abdulhadi, 1995.

xv, 140 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: I 134-140.

1. Triazoles. 2. Ribavirin. 3. Electrochemical analysis. I. Title

03547

547.637

A 51 Al-Ahmadi, Abdullah Ali

1986 Structural analysis of humic materials/ Abdullah Al-Ahmadi, 1986.

132 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Aston University, 1986. - Bibliography: I. 128-132.

1. Humic acid. 2. Humates. 3. Soils - Humic acid contents. I. Title

03548

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B 147 Bahamdan, Ahmad Abdallah

1995 Electrochemical reduction of some nitroaromatic compounds of biological importance/ by Ahmed Abdallah Bahamdan, 1995.

ix, 107 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arkansas at Little Rock, 1995. - Also available microfiche no. 3647. - Bibliography: I. 105-106.

1. Nitroaromatic compounds. I. Title

03549

547.66

S 31 Al-Salamah, Mohammed A.

1981 Synthesis and thermal decomposition of aromatic thioureas/ by Mohammed A. Al-Salamah, 1981.

vii, 63 leaves ; 29 cm.

Thesis (M.Sc.) - University of Texas at El Paso, 1981. - Also available microfiche no. 1176. - Bibliography: I. 61-62.

1. Thiourea. 2. الايض المعطرية. I. Title

03550



547.7

S 43 Samarkandy, Abdul-Rahim A

1987 Modification of polymers containing residual double bonds/ by Abdul-Rahim A. Samarkandy, 1987.

x, 129 leaves ; ill. ; 29 cm.

Thesis (Ph.D.) - University of Washington, 1987. - Also available microfiche no. 1364. - Bibliography: l. 117-129.

1. Polymers. 2. Polymerization. 3. Chemical bonds. 4. البلمرات. I. Title

**03551**

547.71

L 11 Al-Laabon, Mohammed Zamil

[19-] Synthetic studies directed toward the himachalene class of sesquiterpenes/ by Mohammed Zamil Al-Laabon, [19-].

vi, 56 leaves ; 29 cm.

Thesis (M.Sc.) - University of California, [19-]. - Also available microfiche no. 1139. - Bibliography: l. 54-56.

1. Terpenes. 2. Sesquiterpenes. 3. الكيمياء العضوية. I. Title

**03552**

547.72046

Y 1 Yahab, Aisha M. S. Bin

1985 Chemicals studies on alkaloids of solanum in canum = دراسات كيميائية على Solanum in canum / by Aisha M.S. Ben Yahab, 1985.

v, 129 p. : ill. ; 28 cm.

Thesis (M.Sc.) - Girls College of Education, 1985.

1. Chemistry, Organic. 2. Alkaloids. 3. دراسات كيميائية على القلويدات من نبات سولانم انكانوم. I. Title II. Title: كيميائية على القلويدات من نبات سولانم انكانوم

**03553**

547.73046

E 72 Edrees, Fatma M. El-Tyeb

1986 Chemical studies on steroids of Agave Americana and Azadirachta Indica (Neem)/ by Fatma M. El-Tyeb Edrees. - Jeddah : Girls College of Education, 1986.

v, 114 p. : ill. ; 28 cm.

Thesis (M.Sc.) - Girls College of Education, 1986.

1. Chemistry, Analytic. 2. Steroids. 3. الكيمياء التحليلية. I. Title

**03554**

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A 44 Asiri, Abdullah Mohamed Ahmed

1994 Tribochromic compounds/ Abdullah Mohamed Ahmed Asiri, 1994.

vii, 304 leaves : ill. (Some col.) ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1994. - Bibliography: l. 304.

1. Tribochromic. 2. Auhydrides. 3. Amino acid anhydrides. I. Title

**03555**

547.750448

H 275 Hassan, Youssi A.

1987 Determination of Amino Acids and some other compounds by molecular emission cavity analysis (MECA)/ by Youssi A. Hassan, 1987.

ii, 108, [3] leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Saud University, 1987. - Includes bibliographical references. - With Arabic summary and title at endpaper: تقدير الاحماض الامينية وبعض المركبات الاخرى عن طريق قياس الانبعاث الجزيئي للكهرت

1. Amino acids - Spectra. 2. Amino acids - Analysis. 3. Spectrum analysis. 4. Emission spectroscopy. 5. Molecular spectroscopy. 6. Molecular emission cavity analysis. I. Title II. Title: تقدير الاحماض الامينية وبعض المركبات الاخرى عن طريق قياس الانبعاث الجزيئي للكهرت

**03556**

547.760465

A 35 Al-Arfaj, Nawal Ahmed Abdul-Rahman

1988 Complexometric-spectrophotometric determination of tetracyclines in drug formulations/ by Nawal Ahmed Abdul-Rahman Al-Arfaj, 1408 H, 1988.

viii, [3], 254 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Saud University, 1988. - Bibliography: I. 245-254. - With Arabic summary and title at endpaper : التحديد الكمي الطيفي بالتركيبة للتراسايدكليات في المستحضرات الدوائية

1. Tetracyclines - Spectra. 2. Antibiotics - Spectra. 3. Macromolecules. 4. Chemistry, Organic. I. Title II. Title: التحديد الكمي الطيفي بالتركيبة للتراسايدكليات في المستحضرات الدوائية

03557

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G 341 Al-Ghamdi, Ali M.S.

1987 Experimental studies on: I. Elastomers swollen with liquid crystalline diluents. II. Elastomers reinforced with fillers. and III. Effect of crosslinking in solution on strain-induced crystallization/ by Ali M.S. Al-Ghamdi, 1987.

xiii, 102 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Cincinnati, 1987. - Also available microfiche no. 2018. - Bibliography: I. 96-102.

1. Crystallization. 2. Chemistry, Physical and theoretical. 3. Elastomers. 4. البلمرات. I. Title II. Title: Elastomers reinforced with fillers III. Title: Effect of Crosslinking in solution on strain-induced crystallization

03558

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Ou 7 Al-Ourfi, Majed Saeed

1986 Czochralski growth of metal single crystals/ Majed Saeed Alourfi, 1986.

iv, 114 leaves : ill., plates ; 31 cm.

Thesis (M.Sc.) - University of Durham, 1986. - Bibliography: I. 110-114.

1. Crystal growth. 2. Crystallography. I. Title

03559

549.1144

G 341 Al-Ghamdi, Abdulaziz Mohammed Ziab

1994 Mineralization and associated platinum

group elements in mafic/ ultramafic rocks, northwestern Arabian shield, Kingdom of Saudi Arabia/ by Abdulaziz Mohammed Ziab Al-Ghamdi, 1415 H, 1994.

xxi, 286, 11 p. : ill., maps ; 30 cm.

Thesis (Ph. D.) - King Abdulaziz University, 1994.- Accompanied maps sheets in pocket.- Bibliography: p. 262-286.

1. Rocks, Ultrabasic. 2. Rocks, Igneous. 3. Rocks, Metamorphic. I. Title

03560

549.3209776771

A 12 Al-Alawi, Jomaah Abdul-Raheem Awad

1985 Petrography, sulfide mineralogy and distribution, mass transfer, and chemical evaluation of the Babbitt Cu-Ni deposit, Duluth Complex, Minnesota/ by Jomaah Abd-Ulrahman Awad Al-Alawi, 1985.

2 v.(xvi, 348 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - Indiana University, 1985. - Also available microfiche no. 2039. - Bibliography: I. 192-207.

1. Mineralogy - Minnesota (United States). 2. Sulphide minerals - Minnesota (United States). 3. Rock-forming minerals - Minnesota. 4. الكبريتات. I. Title

03561

549.409749

B 497 Billo, Saleh Mohammad

1973 Petrology and geochemistry of varved halite II member, Permian castle formation, Delaware Basin, Texas and New Mexico/ by Saleh Mohammad Billo, 1973.

xi, 100 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of New Mexico, 1973. - Also available microfiche no. 1061. - Bibliography: I. 51-52.

1. Geology, Economic - Delaware Basin (Tex. and N.M.). 2. Geology, Stratigraphic. 3. Salt - Delaware Basin (Tex. and N.M.). 4. Mineralogy - Delaware Basin (Tex. and N.M.). I. Title

03562

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Ow 1 Al-Owais, Ahmad Abdulaziz

- 1984 Aspects of intercalation by sheet silicate catalysts/ Ahmad Abdulaziz Al-Owais, 1984. iii, 152 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University College of Wales, 1984. - Bibliography: l. 141-152.  
1. Clay minerals. 2. Clay - Analysis. 3. Silicate minerals. I. Title

**03563**

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S 12 Al-Saaran, Nasser A.

- 1994 A physico-chemical model for simulating neogenesis of clay minerals in arid soils/ Nasser A. Alsaaran, 1994. ix, 84 leaves ; 28 cm.  
Thesis (Ph.D.) - Indiana University, 1994. - Also available microfiche no. 3431. - Bibliography: l. 38-44.  
1. Clay minerals. 2. Silicate minerals. 3. Clay soils. 4. فصلات, I. Title

**03564**

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A 52 Ahmed, Shakeel

- 1995 Synthesis, modification and catalytic evaluation of high-silica zeolites/ by Shakeel Ahmed, 1995. xiv, 192 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 178-192.  
1. Zeolites. 2. Silicate minerals. I. Title

**03565**

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D 537 Al-Dhiayan, Daifallah

- 1995 The synthesis and characterisation of metal substituted pentasil zeolites/ Daifallah M. Al-Dhiayan, 1995. ii, 251 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Manchester, 1995. - Bibliography: l. 245-247.  
1. Zeolites. 2. Minerals. I. Title

**03566**

549.68

S 27 Seddigi, Zaki Shaker

- 1994 Characterization of the acidic properties of zeolites and their catalytic behavior in the synthesis of MTBE/ by Zaki Shaker Seddigi, 1994. xiv, 188 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 161-170.  
1. Catalysis. 2. Zeolites. 3. Crystallization. 4. Silicate minerals. I. Title

**03567**

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Z 1 Zaafarany, Ishaq A.

- 1987 Determination of trace elements in natural zeolites by neutron activation analysis (NAA)/ by Ishaq A. Zaafarany, 1987. xii, 257 leaves : ill. ; 31 cm.  
Thesis (M. Sc.) - University of Salford, 1987. - Bibliography: l. 230-246.  
1. Zeolites. 2. Nuclear activation analysis. I. Title

**03568**

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S 73 Al-Sari, Abdulkader Mohammed

- 1984 Comparative study of the mineralization at al-Amar and Umm Ash Shalahaib areas Kingdom of Saudi Arabia/ by Abdulkader Mohammed Al-Sari.- Jeddah: Faculty of Earth Sciences, King Abdulaziz University, 1984. xiii, 288 p. : ill., maps ; 29 cm. - ( F. E. S. research series ; no. 19 ).  
Edited copy of a thesis (M.Sc.), Institute of Applied Geology, King Abdulaziz University. - Bibliography: p. 279-288.  
1. Mines and mineral resources - Saudi Arabia - Central region. 2. Geology - Saudi Arabia. 3. Mineralogy - Saudi Arabia - Central region. 4. Sulphide minerals - Saudi Arabia - Central region. 5. المنطقة الوسطى (المعدنية). I. Title II. Series

**03569**

549.956

**A 11 Arab Conference for Mineral Resources  
(2nd: 1972: Baghdad)**

The Second Arab Conference for Mineral Resources : conference documents : background papers/ Industrial Development Centre for Arab States.- Jeddah : Industrial Development Centre for Arab States, 1972.

663 p. : ill., maps ; 28 cm.

1. Mines and mineral resources - Arab countries - Congresses. 2. Mineralogy - Arab countries - Congresses. 3. Mines and mineral resources - Saudi Arabia - Congresses. I. Saudi Arabia. Industrial Development Centre for Arab States (Jeddah), corp. II. Title

**03570**

550

**S 85 Saudi Symposium on Earth Science (1st :  
1989 : 1989 : Jeddah)**

First Saudi Symposium on Earth Sciences : 21-23 Jumada al-Akhirah 1409 A.H. = 28-30 January 1989 A.D., abstracts/ King Abdulaziz University.- Jeddah : King Abdulaziz University, Faculty of Earth Sciences, 1989?.

xiv, 125 p. ; 24 cm.

Includes index. - With some Arabic abstracts.- and Arabic title: الندوة السعودية لعلم الأرض.

1. Earth sciences - Congresses. 2. Earth sciences - Saudi Arabia - Congresses. 3. الجيولوجيا - السعودية. I. Title II. Title. الندوة السعودية لعلم الأرض (جدة: ١٩٨٩: جدة)

**03571**

550.71153123

**K 58 King Abdul-Aziz University. Faculty  
of Earth Sciences**

F.E.S. handbook : programs, academic regulations and course descriptions/ Faculty of Earth Sciences, King Abdulaziz University.- Jeddah : Faculty of Earth Sciences, King Abdulaziz University, 1980.

77 p. ; 25 cm.

1. King Abdulaziz University. Faculty of Earth Sciences - Curricula. 2. Earth sciences - Study and teaching (Higher) - Saudi Arabia. I. Title II. Title. Faculty of Earth Sciences handbook: programs, academic regulations and course ...

**03572**

551.016

**A 89 Abstracts of the publications of the Geology  
2nd e Department, King Saud University,  
1988 1970-1987/ prepared by Mohamed A.**

Moshrif and Ahmed A. Almohandis.- 2nd ed. .-Riyadh: University Libraries, King Saud University, 1408 H, 1988.

viii, 144, 47 p. : ill. ; 24 cm.

Arabic abstracts and title at the end :

مستخلصات وأبحاث وكتب قسم الجيولوجيا، جامعة الملك سعود

1. Geology - Abstracts. 2. Geochemistry - Abstracts. 3. Mineralogy - Abstracts. 4. Petrology - Abstracts. 5. Geology - Saudi Arabia - Abstracts. I. Moshrif, Mohamed A., ed. II. Al-Mohandis, Ahmed A., ed. III. King Saud University, Geology Department, corp. IV. Title: مستخلصات وأبحاث وكتب قسم الجيولوجيا، جامعة الملك سعود

**03573**

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**A 89 Abstracts of the publications of the  
1983 Geology Department, Saudi Staff,**

King Saud University, 1970-1982/ edited by Mohamed A. Moshrif and Ahmed A. Almohandis. .-Riyadh: King Saud University Press, 1403 H, 1983.

x, 62, 24 p. ; 24 cm.

1. Geology - Abstracts. 2. Geochemistry - Abstracts. 3. Mineralogy - Abstracts. 4. Petrology - Abstracts. 5. Geology - Saudi Arabia - Abstracts.

**03574**

551.03

**D 561 Dictionary of geological terms =**

- 1983 Dictionnaire des termes de géologie  
= معجم مصطلحات الجيولوجيا / Arab  
Organization of Education, Culture  
and Sciences.- 1st ed. -Baghdad :  
Iraqi Academy Publications.- Tunis:  
Arab Organization of Education,  
Culture and Sciences, 1983.

291 p. ; 24 cm.- (The unified  
dictionary of scientific terms for general  
education levels ; no. 6). Foreword in  
Arabic. - Text in English, French and  
Arabic.

1. Geology - Dictionaries - Polyglot.  
2. Geology - Terminology. 3. - الجيولوجيا  
مصطلحات. I. Iraqi Academy  
Publications, corp. II. Arab Organization  
of Education, Culture and Sciences, corp.  
III. Saudi Arabia. Ministry of Education,  
Saudi National Commission for  
Unesco, corp. IV. Title: Dictionnaire des  
termes de géologie V. Title: معجم  
مصطلحات VI. Series

**03575**

551.130953

**P 191 PAN-African crustal evolution in the  
1984 Arabian-Nubian shield, I.G.C.P. No**

164 : proceedings of a symposium  
held on 1-3 Feb. 1982/ editorial  
board, A.R. Bakor...[et. al.]- Jeddah:  
King Abdul Aziz University, 1984.  
ix, 632 p. : ill. ; 28 cm.- (Faculty  
earth sciences, bulletin ; no. 6).

Includes bibliographical references.

1. Geology - Arabian Peninsula -  
Congresses. 2. Geophysics - Arabian  
Peninsula - Congresses. 3. Geology -  
Saudi Arabia - Congresses. 4. Geophysics -  
Saudi Arabia - Congresses. 5. - الجيولوجيا  
السعودية I. King Abdulaziz University. Faculty  
Earth Science, corp. II. Series

**03576**

551.22

**A 78 Al-Amri, Mohammed S.M.**

- 1986 Static correction for shallow seismic  
reflection/ by Mohammad S.M. Al-Amri,  
1986.

226 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Ohio University,  
1986. - Also available microfiche no.  
1492. - Bibliography: l. 72-73.

1. Seismology - Research. 2. الزلازل.  
I. Title

**03577**

551.22

**S 14 Al-Shaibani, Abdulaziz Muhareb**

- 1994 Variation of seismic-wave velocities  
in westerly granite under stress/ by  
Abdulaziz Muhareb Al-Shaibani, 1994.

x, 39 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Texas A and M  
University, 1994. - Also available microfiche  
no. 3650. - Bibliography: l. 36-38.

1. Seismic waves. 2. Seismic waves -  
Scattering. I. Title

**03578**

551.22

**S 92 Al-Shuhail, Abdullatif Abdulrahman**

- 1993 The effect of topography on the wavelet  
response of seismic arrays/ by Abdullatif  
Abdulrahman Al-Shuhail, 1993.

xi, 65 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Texas A and M  
University, 1993. - Also available microfiche  
no. 3437. - Bibliography: l. 63-64.

1. Geomorphology. 2. Seismology.  
3. Geophysics. 4. الزلازل. I. Title

**03579**

551.220285

**B 55 Biyikoglu, Yusuf**

- 1988 Geoseismic modeling study of the  
morrow formation in eastern Dewey  
county, Oklahoma/ by Yusuf Biyikoglu,  
1988.

xi, 122 leaves : ill. ; 28 cm.

- Thesis (M.Sc.) - Oklahoma State University, 1988. - Also available microfiche no. 2465. - Includes seven (7) separate plates in pocket. - Bibliography: l. 65-68.
1. Seismology - Oklahoma - Computer programs.
  2. Earthquakes - Oklahoma - Computer programs.
  3. الزلازل - معالجة البيانات - I. Title
- 03580**
- 551.220287  
H 212 Al-Harari, Zaki Y.  
1985 Three-dimensional seismic physical scale-modeling with applications to the detection of underground cavities/ by Zaki Y. Al-Harari, 1985.  
v, 127 leaves : map ; 29 cm.  
Thesis (Ph.D.) - Columbia University, 1985. - Also available microfiche no. 987. - Bibliography: l. 122-127. - Maps in the pocket at end.  
1. Seismology. 2. Geophysics. 3. الزلازل. I. Title
- 03581**
- 551.220287  
N 342 Al-Nemer, Jaffar Muhammad  
1987 P-wave one-dimensional seismic response of a linear velocity transition zone using wave theory/ by Jaafar Muhammad Al-Nemer, 1987.  
xii, 132 leaves ; 28 cm.  
Thesis (M.Sc.) - Colorado School of Mines, 1987. - Bibliography: l. 116-117.  
1. Seismic waves. 2. Seismograms. 3. Seismometry. 4. الزلازل. I. Title
- 03582**
- 551.220287  
M 984 Mutib, Khalid N.  
1985 An Experimental study of two seismic energy sources, Betsy Seisgun and Minisotie/ Khalid N. Mutib, 1985.  
vii, 95 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Kansas, 1979. - Bibliography: l. 94-95.
1. Seismology - Instruments.
  2. Seismometers. 3. Seismology - Observations. I. Title
- 03583**
- 551.30095313  
G 989 Al-Guwaizani, Abdulaziz Saud  
1994 Sedimentology and geochemistry of Qurayyah Sabkha, Eastern Saudi Arabia/ Abdulaziz Saud Al-Guwaizani, 1994.  
viii, 82 leaves : ill., maps ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 78-82.  
1. Sediments (Geology) - Saudi Arabia - Qurayyah Sabkha. 2. Sedimentology. 3. Geochemistry. I. Title
- 03584**
- 551.303  
S 13 Sabtan, Abdullah Abdul-Aziz  
1988 Determination of longitudinal and lateral sediment distribution in reservoirs/ by Abdullah A. Sabtan, 1988.  
xviii, 154 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - South Dakota School of Mines and Technology, 1988. - Also available microfiche no. 2573.  
1. Reservoir sedimentation. 2. Sedimentation and deposition. 3. الرواسب الطينية. I. Title
- 03585**
- 551.30309531  
S 23 Sharief, Farooq Abdulsattar M.  
1977 Sedimentary facies of the Jilh formation, Saudi Arabia ; and regional paleostratigraphy and tectonic evolution of the Middle East during the Middle Triassic period/ by Farooq Abdulsattar M. Sharief, 1977.  
ix, 117, [25] leaves ; 28 cm.  
Thesis (Ph.D.) - Rice University, 1977. - Also available microfiche no. 1056. - Bibliography: l. 102-117.  
1. Sedimentary basins - Saudi Arabia. 2. Sedimentary structures - Saudi Arabia.

3. Paleontology - Middle East - Triassic.
  4. Tectanics (Geology). 5. Sedimentation and deposition - Saudi Arabia. 6. الرواسب - السعودية I. Title
- 03586**
- 551.307  
H 128 **Halabi, Ahmed Omar**  
1985 The undrained shear strength of mud measured with wooden spheres and cylinders/ by Ahmed Omar Halabi, 1985.  
vii, 138 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of pittsburgh, 1985. - Also available microfiche no. 106. - Bibliography: l. 137-138.  
1. Mudflows - Analysis. 2. Landslides. 3. Geology, Structural. 4. Mudflows - Measurement. 5. الطون. I. Title
- 03587**
- 551.375095311  
K 526 **Al-Khalaf, Abdullah Hamad**  
1986 Specification and calibration of Bagnold's model for sand transport : Urayq al Buldan dune field, central Saudi Arabia/ by Abdullah Hamad Al-Khalaf, 1986.  
2 v.(xviii, 243 leaves) : ill. ; 29 cm.  
Thesis (Ph.D.) - Indiana University, 1986. - Bibliography: l. 143-154. - Also available microfiche no. 2575.  
1. Sand dunes - Saudi Arabia - Central region. 2. Landforms - Saudi Arabia - Central region. 3. الرمال - المنطقة. I. Title (السعودية)
- 03588**
- 551.3750953133  
A 75 **Abolkhair, Yahya Mohammed Sheikh**  
1981 Sand encroachment by wind in Al-Hasa of Saudi Arabia/ by Yahya Mohammed Sheikh Abolkhair, 1981.  
xix, 196 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Indiana University, 1981. - Also available microfiche no. 1046. - Bibliography: l. 181-195.
1. Al-Ahsa (Saudi Arabia) - Climate.
  2. Sand dunes - Saudi Arabia - Al-Ahsa.
  3. الرمال - الأحساء. I. Title
- 03589**
- 551.3750953133  
D 65 **Al-Doaan, Mahmoud Ibrahim**  
1981 Shifting sands and human survival : man and the dunes at al-Hasa oasis, Saudi Arabia/ by Mahmoud Ibrahim Al-Doaan, 1981.  
xii, 111 leaves : ill. ; 29 cm.  
Thesis (M.A.) - California State University, 1981. - Also available microfiche no. 1336. - Bibliography: l. 82-90.  
1. Al-Ahsa (Saudi Arabia) - Climate.
- 2. Sand dunes - Saudi Arabia - Al-Ahsa.
- 3. الرمال - الأحساء (السعودية). I. Title

**03590**

551.40974889  
W 121 **Al-Wagdany, Abdullah Saad**  
1993 Geomorphologic characteristics and instantaneous unit hydrographs of Indiana watersheds/ by Abdullah Saad Al-Wagdany, 1993.  
xvii, 184 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Purdue University, 1993. - Also available microfiche no. 3405. - Bibliography: l. 173-177.  
1. Geomorphology - Indiana.
- 2. Oceanography - Indiana. 3. Hydrography - Indiana. 4. Watersheds - Indiana.
- 5. الجيومورفولوجيا - إنديانا. I. Title

**03591**

551.41  
D 111 **Dabbagh, Abdallah E.**  
1975 Geology of the skyland and dunsmore mountain quadrangles, western north California/ by Abdallah E. Dabbagh, 1975.  
228 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of North Carolina, 1975. - Also available microfiche no. 1041. - Bibliography: l. 195-204.  
1. Geology. 2. Geomorphology.
- 3. الجيولوجيا. I. Title

**03592**

551.415028509531

D 141 Al-Dail, Mohammad Abdulaziz Omar

1993 Digital processing of satellite images for lithological discrimination and classification in arid regions/ by Mohammad Abdulaziz Omar Al-Dail, 1993.

xix, 253 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Stirling, 1993. - Bibliography: l. 235-253. - Includes four small photo copy of maps in pocket.

1. Arid regions ecology - Saudi Arabia - Data processing.
2. Desert ecology - Saudi Arabia - Data processing.
3. Geomorphology - Saudi Arabia.
4. البيئة الصحراوية - معالجة البيانات - السعودية

03593

551.415095313

A 69 Al-Amoudi, Omar Saeed Baghabra

1992 Studies on soil-foundation interaction in the Sabkha environment of eastern province of Saudi Arabia/ by Omar Saeed Baghabra Al-Amoudi, 1992.

2 v. (xxx, 554 p.) : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 508-545.

1. Arid regions - Saudi Arabia.
2. Arid regions climate - Saudi Arabia.
3. Landforms - Saudi Arabia.
4. المناطق الجافة - السعودية

03594

551.4150953141

S 42 Sheikh, Kamel Mohammed Ahmed

1993 The use of contextual techniques and textural analysis of satellite imagery in geological studies of arid regions/ by Kamel Mohammed Ahmed Sheikh, 1993.

xvi, 340 leaves : ill., map, plates ; 31 cm.

Thesis (Ph.D.) - University of Stirling, 1993. - Bibliography: l. 309-336.

1. Arid regions - Saudi Arabia - Hail.
2. Artificial Satellites in remote sensing -

Saudi Arabia - Hail. 3. المناطق الجافة - حائل. I. Title (السعودية).

03595

551.4150953158

Ot 1 Al-Otaiby, Abdullah Awadh

1981 The quaternary evolution of Wadi Bisha (Saudi Arabia) : a morpho-climatic interpretation/ by Abdullah Awadh Al-Otaiby, 1981.

viii, 100 leaves : ill., maps ; 29 cm.

Thesis (M.A.) - Michigan State University, 1981. - Also available microfiche no. 1386. - Bibliography: l. 97-100.

1. Geomorphology - Saudi Arabia - Bisha.
2. Climatic geomorphology - Saudi Arabia - Bisha.
3. Arid regions climate - Saudi Arabia - Bisha.
4. Bisha (Saudi Arabia) - Climate.
5. البيئة الجيولوجية - بيشة

(السعودية). I. Title

03596

551.41509531995

K 527 Khayyat, Hassan Ali

1979 Pediments in west central Saudi Arabia: a case study from Uglat As-Sugoor/ by Hassan Ali Khayyat, 1979.

x, 110 leaves : ill. ; 28 cm.

Thesis (M.A.) - Michigan State University, 1979. - Bibliography: l. 108-110. - Also available microfiche no. 401.

1. Pediments (Geology) - Saudi Arabia.
2. Landforms - Saudi Arabia.
3. uglat As-Sugoor - Pediments (Geology) - Saudi Arabia.
4. الجيولوجيا - علة الصغور (السعودية).

03597

551.424

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Coral reef environment of the Red Sea : program/ organised by Faculty of Marine Science, King Abdulaziz University.- Jeddah : King Abdulaziz University, 1984.

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95 p. : maps ; 30 cm.

1. Solar radiation - Saudi Arabia. I. Title

**03645**

551.57095310212

J 47 Al-Jerash, Mohammed Abdullah

1989 Data for climatic water balance in Saudi Arabia 1970-1986 A.D./ [by] Mohammed A. Al-Jerash. - 1st ed. - Jeddah : King Abdulaziz University, 1989.

vii, 446 p. in various pagings ; 28 cm.  
Includes index.

1. Water - Tables.
2. Saudi Arabia - Climate - Tables.
3. Rain and rainfall - Tables.
4. المناخ - السعودية. I. Title: قيم عناصر الميزان المناخي المالي في المملكة العربية السعودية، ١٩٨٦ - ١٩٧٠ II. Title

**03646**

551.572

K 526 Al-Khalaf, Abdulrahman Khalaf

1995 Retrieval of atmospheric water vapor profiles from the special sensor microwave temperature-2 (SSM/T-2)/ by Abdulrahman Khalaf Al-Khalaf, 1995.



xvi, 145 leaves : ill. (some col.),  
maps ; 28 cm.

Thesis (Ph.D.) - Texas A and M  
University, 1995. - Bibliography: l. 122-126.

1. Water vapor, Atmospheric - Remote  
sensing. 2. Microwave remote sensing.  
3. Radiometers. 4. Meteorology. I. Title

**03647**

551.5720953124

Z 13 Abu-Zaid, Mohammed S.

1986 Potential evapotranspiration in arid  
environments : case studies in Phoneix,  
Arizona, and Taif, Saudi Arabia/ by  
Mohammed S. Abu-Zaid, 1986.

xiii, 199 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Arizona State  
University, 1986. - Bibliography: l. 158-  
165. - Also available microfiche no. 456.

1. Evapotranspiration - Phoenix, Arizona.  
2. Evapotranspiration - Saudi Arabia - Al-Taif.  
3. Evaporation (Meteorology) - Phoenix,  
Arizona. 4. Evaporation (Meteorology) - Saudi  
Arabia - Al-Taif. 5. Arid regions climate -  
Saudi Arabia. 6. Arid regions climate - United  
States. 7. المناخ (المسود) - طائف. I. Title

**03648**

551.57440953123

A 66 Al-Amodi, Ahmad Osman

1993 Dew incidence: a field study (related  
to corn) in Jeddah, Saudi Arabia with  
comparisons to a similar experiment in  
Texas/ by Ahmad Osman Al-Amodi, 1993.

xv, 137 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Texas A and M  
University, 1993. - Also available microfiche  
no. 3371. - Bibliography: l. 109-14.

1. Dew - Jeddah - Comparative  
studies. 2. Dew- Saudi Arabia -  
Comparative studies. 3. Corn - Effect of  
soil Acidity on - Jeddah. 4. Dew - Texas -  
Comparative studies. I. Title

**03649**

551.577

K 526 Al-Khalaf, Abdulrahman Khalaf

1991 Use of radar to estimate precipitation  
in a semi-arid area/ by Abdulrahman  
Khalaf Al-Khalaf, 1991.

xii, 99 leaves : ill., maps ; 28 cm.

Thesis (M.Sc.) - Texas A and M  
University, 1991. - Bibliography: l. 76-78.

1. Precipitation (Meteorology) -  
Measurement. 2. Precipitation gauges.  
3. Radar meteorology. 4. Arid regions.  
5. الأمطار. I. Title

**03650**

551.577

A 28 Azhari, Ahmed Ahmed

1984 The Potential of an atmospheric  
distillation unit for producing fresh water  
in arid of semi-arid coastal regions/ by  
Ahmed Ahmed Azhari, 1984.

vi, 81 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of  
Arizona, 1984. - Also available  
microfiche no. 1909. - Bibliography: l. 81.

1. Atmospheric temperature. 2. Hydro-  
meteorology. 3. Hydrology. 4. Water. I. Title

**03651**

551.577

D 65 Dobaie, Abdullah M.

1995 Dual multiparameter radar observation  
of rainfall : application of tomographic  
technique/ by Abdullah M. Dobaie, 1995.

xiii, 102 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State  
University, 1995. - Also available microfiche  
no. 3665. - Bibliography: l. 93-98.

1. Rain and rainfall. 2. Radioisotope  
scanning. I. Title

**03652**

551.5772531

M 377 Mashat, Abdul-Wahab Sullman

1992 Use of special sensor microwave/imager  
(SSM/I) for estimation of precipitation  
features in a semi-arid, mountain region : a

case study of southwest Saudi Arabia/ by Abdul-Wahab Sulman Mashat, 1992.

xv, 114 leaves : ill., maps ; 29 cm.

Thesis (Ph.D.) - Texas A and M University, 1992. - Bibliography: l. 85-90.

1. Precipitation forecasting - Saudi Arabia. 2. Weather forecasting - Saudi Arabia. 3. الأرصاد الجوية - السعودية. I. Title

**03653**

551.57725312

Q 63 Al-Qurashi, Mohammed D. Ajlan

1981 Synoptic climatology of the rainfall in the southwest region of Saudi Arabia/ by Mohamed D. Ajlan Al-Qurashi, 1981.

viii, 97 leaves ; 28 cm.

Thesis (M.A.) - Western Michigan University, 1981. - Also available microfiche no. 1347. - Bibliography: l. 94-97.

1. Saudi Arabia - Climate - Research. 2. Meteorology. 3. Rain and rainfall - Saudi Arabia - Western region. 4. الأمطار - المنطقة الغربية (السعودية). I. Title

**03654**

551.57725315

A 25 Alehaideb, Ibrahim

1985 Precipitation distribution in the southwest of Saudi Arabia/ by Ibrahim Alehaideb, 1985.

xiii, 215 l. : ill. ; 29 cm.

Thesis (Ph.D.) - Arizona State University, 1985. - Also available microfiche no. 2792. - Bibliography: l. 147-156.

1. Precipitation (Meteorology) - Saudi Arabia - Southern region. 2. Geology - Saudi Arabia. 3. المنطقة الجنوبية (السعودية). I. Title

**03655**

551.65531

K 527 Al-Khayyat, Aly A.

1984 A modified Gaussian plume dispersion model suitable for the climate of Saudi Arabia/ by Aly A. Al-Khayyat, 1984.

viii, 86 leaves : ill., map ; 28 cm.

Thesis (Ph.D.) - Washington State University, 1984. - Also available microfiche no. 97. - Bibliography: l. 80-83

1. Weather forecasting - Saudi Arabia. 2. Meteorology - Saudi Arabia. 3. المناخ - السعودية. I. Title

**03656**

551.7

Ok 4 Okla, Saleh Mohamed

1976 Subsurface stratigraphy and sedimentation of middle and upper silurian rocks of northern Indians/ by Saleh Mohamed Okla, 1976.

iv, 143 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Indiana University, 1976. - Also available microfiche no. 849. - Bibliography: l. 86-94.

1. Geology, Stratigraphic. 2. Formations (Geology) - Indiana. 3. الجيولوجيا - الينديانا. I. Title

**03657**

551.7109788

A 42 Afifi, Abdulkader M.

1981 Precambrian geology of the Iris area, Gunnison and Saguache counties, Colorado/ by Abdulkader M. Afifi, 1981.

xii, 197 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Colorado school of Mines, 1981. - Also available microfiche no. 1788. - Bibliography: l. 191-197.

1. Geology - Colorado. 2. Volcanic ash, tuff, etc. - Colorado. 3. Geology, Stratigraphic - Precambrian. 4. الجيولوجيا - كolorادو. I. Title

**03658**

551.715

L 343 Late proterozoic stratigraphies of North East Africa and Arabia/ compiled by

1979 N. J. Jackson. - Jeddah: Faculty of Earth Sciences, King Abdul Aziz University, 1979.

vii, 132 p.: ill.; 28 cm.- (International geological correlation programme, project; 164) (Pan-American crustal evolution in Arabia and N.E. Africa. report; no. 1).

- Includes bibliographical references.  
1. Geology, Stratigraphic - Proterozoic.  
2. Paleontology - Proterozoic. 3. الجيولوجيا  
الجزائرية. I. Jackson, N. J., comp. II. Series III.  
Series. Pan-American crustal evolution in  
Arabia and N.E. Africa; no. 1

**03659**

551.7209531

L 114 Al-Laboun, Abdulaziz Abdullah

1993 Lexicon of the Paleozoic and lower  
Mesozoic of Saudi Arabia/ Abdulaziz  
Abdullah Al-Laboun.- 1st ed. - Riyadh : Al-  
Hudhud Publishers, 1993.

: ill., maps. ; 24 cm.

Includes bibliographical references and  
index. - Library has: pt.1: Lithostratigraphic  
units nomenclature review.

1. Geology, Stratigraphic - Paleozoic -  
Saudi Arabia - Dictionaries. 2. Geology,  
Stratigraphic - Mesozoic - Saudi Arabia -  
Dictionaries. 3. Geology - Saudi Arabia -  
Dictionaries. 4. الجيولوجيا - السعودية. I. Title

**03660**

551.7709531156

S 51 Al-Sulami, Khalil Humaid

1992 Lower cretaceous stratigraphy and  
dispositional history of the Rub' Al Khali  
basin/ by Khalil Humaid Al-Sulami, 1992.

vii, 104 leaves : ill. ; 29 cm.

6 plates of maps in pocket

Thesis (M.Sc.) - King Fahd  
University of Petroleum and Minerals,  
1992. - Bibliography: l. 102-104.

1. Geology, Stratigraphic - Rub Al-  
Khali (Saudi Arabia) -. 2. Geology,  
Stratigraphic - Saudi Arabia. 3. -  
الجيولوجيا - (السعودية). I. Title

**03661**

551.78209535

S 19 El-Sahn, Hany Farouk

1992 Stratigraphical and microfacies analysis  
of the late eocene-early oligocene succession  
of Jabal Hafeet, U.A.E./ by Hany Farouk El-  
Sahn, 1992.

vi, 164 leaves, 22 leaves of : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals. - Bibliography:  
l. 86-95.

1. Geology, Stratigraphic - Eocene .  
2. Paleontology - Eocene. 3. Geology,  
Stratigraphic - Oligocene. 4. Paleontology -  
Oligocene. 5. Geology - United Arab  
Emirates. 6. Geology - United Arab  
Emirates - Jabal Hafeet. 7. -  
الجيولوجيا - الإمارات العربية المتحدة. I. Title

**03662**

551.799531

Q 28 Quaternary period in Saudi Arabia/

1978 edited by Saad S. Al-Sayari and Josef  
G. Zofi. - New York: Springer-Verlag,  
1978, 84.

2 v. : ill. ; 25 cm.

Contents: v.I. Sedimentological,  
hydrogeological, hydrochemical, geomor-  
phological, and climatological investigations  
in central and eastern Saudi Arabia.V.  
2. Western Saudi Arabia.

ISBN 3-211-81448-5

1. Geology - Saudi Arabia. 2. -  
الجيولوجيا - I. Al-Sayari, Saad S., ed. II.  
Zofi, Josef G., ed.

**03663**

551.8095314

Z 13 Zakir, Fawaz Abdul Rahman

1982 Preliminary study of the geology and  
tectonics of the Raghama formation  
Maqna area, Wadi As'sirhan quadrangle  
Kingdom of Saudi Arabia/ by Fawaz  
Abdul Rahman Zakir, 1982.

xiii, 239 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - South Dakota School  
of Mines and Technology, 1982. - Also  
available microfiche no. 704. -  
Bibliography: l. 229-239.

1. Geology, Structural - Saudi Arabia -  
Wadi Assirhan. 2. Geology, Structural -  
Saudi Arabia. 3. -  
الجيولوجيا - السعودية. I. Title

**03664**

551.88095315

Z 81 Zubair, Mahmoud Omar

1989 Geology of the layered mafic-ultramafic intrusions at Jabal Al-Ekern, southeast Saudi Arabia/ by Mahmoud Omar Zubeir, 1989.

xx, 186, 5 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Abdulaziz University, 1989. - Bibliography: l. 158-73. - With 2 maps and one booklet of tables in pocket.

1. Intrusions (Geology) - Saudi Arabia - Asir. 2. Rocks - Saudi Arabia - Asir. 3. Geology, Structural - Saudi Arabia - Asir. 4. الجيولوجيا البنية - عسير (السعودية). I. Title

03665

552.09531

G 29 Geochronological data for the Arabian shield - Jeddah : U.S. Geological Survey, 1978.

i, 20 p. ; 28 cm.- (Saudi Arabian project report ; no. 240).

Contents: section 1. Radiometric age determinations of some rocks from the Arabian shield - section 2. Tabulation of Rb-Sr and K-Ar Ages given by rocks of the Arabian shield. - Includes bibliographical references.

1. Rocks-Saudi Arabia. 2. Geochronometry - Saudi Arabia. I. United States. Geological Survey, corp. II. Series

03666

552.095311

K 529 Khukandy, M. E.

1984 Geology of the mafic, ultramafic and related rocks of Jabal Betran area/ by M. E. Khukandy.- Jeddah : Faculty of Earth Sciences, King Abdulaziz University, 1984.

xxiii, 229 p. : ill., maps ; 20 cm.- (F. E. S. research series ; no. 20).

Edited copy of a thesis (M.Sc.), Institute of Applied Geology, King Abdulaziz University. - Bibliography: p. 218-229.

1. Geology - Saudi Arabia - Central region. 2. Rocks - Saudi Arabia - Central region. 3. Petrology - Saudi Arabia - Central region. 4. المنطقة الوسطى (السعودية). I. Title II. Series

03667

552.0953120223

B 621 Blodget, Herbert William, (1928--)

1977 Lithology mapping of crystalline shield test sites in western Saudi Arabia using computer-manipulated multispectral satellite data/ by Herbert William Blodget, 1977. vii, 191 leaves : ill. ; 21 cm.

Thesis (Ph.D.) - George Washington University, 1977. - Also available microfiche no. 856. - Bibliography: l. 184-191.

1. Petrology - Saudi Arabia - Western region - Maps. 2. المنطقة الغربية - الصخور (السعودية). I. Title

03668

552.0953121

G 292 Geology of the area North of Wadi Fatima, Kingdom of Saudi Arabia/

by K. Nebert ... [et al.] -Jeddah : Center for Applied Geology, 1974. vi, 31 : ill., maps ; 29 cm.- (Center for Applied Geology. Bulletin ; 1).

5 maps as insert. - Bibliography : p. 30-31.

1. Petrology - Saudi Arabia - Wadi Fatima. 2. Geology - Saudi Arabia - Wadi Fatima. 3. الجيولوجيا - وادي فاطمة (السعودية). I. Nebert, K., auth. II. Series

03669

552.0953124

G 292 Geology of the Central Taif region, Kingdom of Saudi Arabia/ by P.G.

Andreason ... [et al.] -Jeddah : Institute of Applied Geology, 1977. v, 37 p. : ill., maps ; 29 cm.- (Institute of Applied Geology. Bulletin ; 2).

4 maps as insert. - Bibliography: p. 37-[38].

1. Petrology - Saudi Arabia - Al-Taif.
2. Geology - Saudi Arabia - Al-Taif.
3. الجيولوجيا - الطائف (المسحودية). I. Anderson, P.G., auth. II. Series

**03670**

552.09764

A 14 Anan, Fayed S.

- 1965 Petrology and paleocurrent study of the dagger flat (Cambrian), Marathon Basin, Texas/ by Fayed S. Anan, 1965.

xiv, 175 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Texas, 1965. - Also available microfiche no. 1138. - Bibliography: l. 173-175.

1. Petrology - Texas. 2. Paleocurrents.
3. Sedimentary structures - Texas. 4. الجيولوجيا. I. Title

**03671**

552.109786

A 12 Alawi, Jomaah Abdul - Raheem Awad.

- 1981 Mineralogy, textural relations, and metamorphic reactions in the North Doherty Skarn, Montana/ by Jomaah A. Alawi, 1981.

44 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Indian University, 1981. - Also available microfiche no. 431. - Bibliography: l. 43-44.

1. Rocks, Igneous - North Doherty Skarn (Montana). 2. Rocks, Metamorphic - North Doherty Skarn (Montana). 3. الصخور النارية. I. Title

**03672**

552.209775

A 41 Ali, Hassan Mohamed

- 1982 Keweenaw volcanic rocks of the Grandview-Minong area, northwestern Wisconsin/ by Hassan Mohamed Ali, 1982.

2 v.(xiv, 298 leaves) ; 29 cm.

Thesis (Ph.D.) - University of Wisconsin-Madison, 1982. Also available microfiche no. 2043. - Bibliography: l.

249-260. - Three maps in pocket at the end of volume two..

1. Volcanic ash, tuff, etc - Wisconsin.
2. الصخور البركانية. I. Title

**03673**

552.305312

R 116 Radain, Abdulaziz A. M.

- 1980 Petrogenesis of some peralkaline and non-peralkaline post-tectonic granites in the Arabian shield, Kingdom of Saudi Arabia/ by Abdulaziz A. M. Radain.- Jeddah : Faculty of Earth Sciences, King Abdulaziz University, 1980.

xiv, 195 p. : ill., maps ; 27 cm. - ( F. E. S. research series ; no. 16 ).

Edited copy of thesis (Ph.D.), University of Western Ontario, 1978. - Bibliography: p. 169-181.

1. Rocks - Saudi Arabia. 2. Geology - Saudi Arabia. 3. Granite - Hijaz.
4. Petrology - Saudi Arabia. 5. الصخور السعدية. I. Title II. Series

**03674**

552.305312

T 341 Thekair, Mohamed Eisa

- 1976 Carbonate rocks in Al Amar-Asihailiya district of Saudi Arabia/ by Mohamed Eisa Thekair.- Jeddah : Institute of Applied Geology, King Abdulaziz University, 1976.

xxi, 223 p. : ill., maps ; 27 cm. - ( I. A. G. research series ; no. 1 ).

Edited copy of thesis (M.Sc.), Institute of Geology, King Abdulaziz University, 1975. - Bibliography: p. 212-223.

1. Geology - Saudi Arabia. 2. Rocks, Carbonate - Saudi Arabia. 3. Petrology - Saudi Arabia. 4. Carbonates. 5. الصخور السعدية. I. Title II. Series

**03675**

552.30953124

M 687 Al-Mishwt, Ali Theyab

- 1977 Geology, mineralogy, and petrochemistry of Al-Halgah pluton, At-Taif,

Saudi Arabia/ by Ali Theyab Al-Mishwt, 1977.

xiv, 296 leaves : ill. ; 21 cm.

Thesis (Ph.D.) - University of Wisconsin - Madison, 1977. - Also available microfiche no. 959. - Bibliography: I. 218-228.

1. Geology - Saudi Arabia - Al-Taif.
2. Mineralogy - Saudi Arabia - Al-Taif.
3. Petroleum chemicals. 4. Rocks, Igneous - Saudi Arabia - Al-Taif. 5. - الجيولوجيا (السعودية) الطائف. I. Title

03676

52.409783

147 Bahabri, Mohammad Sultan

975 A Study of amphibolite rocks in different metamorphic environments, Black Hills, South Dakota/ by Mohammad Sultan Bahabri, 1975.

iii, 49 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - South Dakota School of Mines and Technology, 1975. - Bibliography: I. 46-48. - Also available microfiche no. 1163.

1. Amphibolite - Blackhill (South Dakota). 2. Rocks, Metamorphic - Blackhill (South Dakota). 3. Black Hills (S.D. and Wyo.). 4. - داکوتا الجبلية (الولايات المتحدة). I. Title

03677

52.58

14 Abu Yamani, Mohamed Abdullah

966 Spectrochemical analysis and petrological study of oolitic hematite of Saudi Arabia/ by Mohamed Abdullah Abu Yamani, 1966.

vi, 101 leaves : ill., map ; 29 cm.

Thesis (M.Sc.) - Cornell University, 1966. - Also available microfiche no. 1198. - Bibliography: 1. 99-101.

1. Oolite - Saudi Arabia. 2. Rocks, Sedimentary - Saudi Arabia. 3. Hematite - Saudi Arabia. 4. Rocks, Carbonate - Saudi Arabia. 5. - الصخور - السعودية. I. Title

03678

552.58

R 618 Rodriguez, Alfonso

1992 Surface charge behavior and adsorption of surfactants on carbonate rocks/ by Alfonso Rodriguez, 1992.

xiv, 123 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography, 1.77-83.

1. Rocks, Carbonate. 2. Surface active agents. 3. Adsorption. 4. - الرسوية الصخور. I. Title

03679

553.070531

P 943 Program of the directorate general of 1973 mineral resources for the second development plan, first draft : Rabi-

Awal 1394, 1973.

[195] leaves : ill., maps ; 26 cm.

1. Mines and Mineral resources - Research - Saudi Arabia. 2. Saudi Arabia. Directorate General of Mineral Resources - Research. I. Saudi Arabia. Directorate General of Mineral Resources, corp.

03680

553.0720531

S 85 Saudi Arabia. Directorate General of 1970 Mineral Resources

Mineral resources research 1968-69/ Saudi Arabian Directorate General of Mineral Resources.- Jiddah : Saudi Arabian Directorate General of Mineral Resources, 1970.

209 p. : ill., maps ; 29 cm.

Two economic geographic maps in pocket at end.

1. Mines and Mineral resources - Research - Saudi Arabia. 2. Saudi Arabian Directorate General of Mineral Resources - Research. 3. Geology, Economic - Research - Saudi Arabia. 4. - المناجم - السعودية - بحوث. I. Title

03681

553.10953123

G 341 Al-Ghamdi, Mohammad Ali Mushrif

1993 Effect of salts on geotechnical properties of Sabkha soil/ by Mohammad Ali Mushrif Al-Ghamdi, 1413 H, 1993.

xv, 1925, leaves : ill. ; 27 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 154-161.

1. Engineering geology - Jeddah.  
2. Sediments (Geology) - Jeddah.  
3. Geology, Stratigraphic - Jeddah. 4. Soils - Jeddah - Effect of salt on. I. Title

**03682**

553.28209531

S 85 Saudi Arabia. General Petroleum and Mineral Organization

Petromin handbook 1962-1977/ Saudi Arabian General Petroleum and Mineral Organization.- Riyadh : The General Petroleum and Mineral Organization, [1977]. 324 p. : ill. ; 30 cm.

1. Petroleum - Saudi Arabia. 2. Petroleum - Geology - Saudi Arabia. 3. Petroleum - Geology - Handbooks, manuals, etc.. 4. البترول - السعودية - جداولها - I. Title

**03683**

553.2820977235

A 98 Al-Aswad, Ahmad

1980 Geology of fleener and mounts oil fields, Gibson county, southwestern Indiana/ by Ahmed Al-Aswad, 1980.

10 leaves ; 29 cm.

Thesis (M.A.) - Indiana University, 1980. - Also available microfiche no. 1785. - Bibliography: l. 10. - with 13 maps in envelop.

1. Petroleum - Geology - Indiana - Gibson county. 2. البترول - جيبسون - I. Title

**03684**

553.309531

H 339 Al-Hazzaa, Abdullah Fahed

1973 Evaluation of iron deposits on the Arabian Shield, Saudi Arabia/ by Abdullah Fahad Al-Hazzaa, 1973.

viii, 86 leaves ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1973. - Also available microfiche no. 1792. - Bibliography: P. 84-86.

1. Geology - Saudi Arabia. 2. Arabian-Nubian shield. 3. Iron ores - Geology - Saudi Arabia. 4. الحديد الخام - السعودية. I. Title

**03685**

553.30953121

Y 14 Yamani, Mohamed Abdullah Abdu

1968 Geology of the oolitic hematite of Wadi Fatima, Saudi Arabia, and the economics of its exploitation/ by Mohamed Abdullah Abdu Yamani, 1968,

xi, 131 leaves : ill, maps, plates ; 22 cm.

Thesis (Ph.D.) - Cornell University, 1968. - Also available microfiche no. 871. - Bibliography: l. 128-131.

1. Hematite - Saudi Arabia - Wadi Fatima. 2. Hematite - Saudi Arabia. 3. Iron ores - Saudi Arabia. 4. Oolite - Saudi Arabia - Wadi Fatima. 5. وادي فاطمة (السعودية). I. Title

**03686**

553.409531

S 15 Sherbini, Omar Asaad

1990 Geological studies on greisen deposits in Saudi Arabia/ by Omar Asaad Sherbini, 1990.

xvii, 388 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Abdulaziz University, 1990. - Bibliography: l. 358-388.

1. Ore deposits - Saudi Arabia.  
2. Formations (Geology) - Saudi Arabia.  
3. المادن - السعودية. I. Title

**03687**

553.41

A 33 Al-Agel, Faisal Abdulaziz

1993 Elemental analysis of Saudi Mahd adh Dhahab ore sample by neutron activation techniques/ by Faisal Abdulaziz Al-Agel, 1413 H, 1993.

- xi, 99 leaves. ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz University, 1993. - With Arabic abstract- Bibliography: l. 89-95.  
1.Nuclear activation analysis.  
2.Radiochemical analysis. 3. Gold ores - Saudi Arabia. 4. انشطار الاشعاعي. I. Title  
**03688**
- 553.4109531  
**B 29 Basahel, Ahmed N.**  
1991 Geochemical reconnaissance and evaluation of gold prospects in Saudi Arabia/ by Ahmed N. Basahel, Abdalla A. Abdel-Monem, Li-Ping Tan.- Riyadh : King Abdul Aziz City for Science and Technology, 1991.  
vii, 1367 p. : ill., maps ; 24 cm.  
Includes bibliographies. - With Arabic abstracts.  
1.Geochemical prospecting- Saudi Arabia. 2.Gold ores - Saudi Arabia. 3.Gold mines and mining - Saudi Arabia. 4. - الذهب - البحث وتقييم - السعودية. I. Abdel-Monem, Abdalla A., j.a. II. Tan, Li-Ping, j.a. III. Title  
IV. Title: دراسة جيوكيميائية وتقييم لقرارات الذهب، جنوب المملكة العربية السعودية  
**03689**
- 553.4109531  
**S 19 Sahl, Mohammed Sahl Ahmed**  
1993 Geochemistry and genesis of the gold deposit in Al Hajr and Sukhaybarat prospects/ by Mohammed S. A. Sahl, 1993.  
xxvi, 295, 4 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - King Abdul-Aziz University, 1993. - Text in English and Arabic. - Bibliography: p. 281-295.  
1.Gold ores - Saudi Arabia - Sampling. 2. Al-Hajar (Saudi Arabia) - Gold ores. 3. Gold ores - Saudi Arabia - Sukhaybarat. 4. Gold mines and mining - Saudi Arabia. I. Title II. Title: جيوكيميائية واحصل رواسب الذهب في كل من الحجاز والصحراء الملكية العربية السعودية  
**03690**
- 553.410953123  
**A 51 Al-Ahmadi, Mansour A. D.**  
1993 Geology and mineralization of an-Numraniyah gold prospects/ by Mansour A.D. Al-Ahmadi, 1993.  
x, 126, 5 leaves: ill., maps., plates; 29cm.  
Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 121-126. - One folded map in pocket  
1.Gold ores - Geology - Saudi Arabia - Al-Numraniyah 3.Mines and minerals - Saudi Arabia - Al-Numraniyah. I. Title  
**03691**
- 553.41095315  
**S 19 Sahl, Mohammed Sahl Ahmed**  
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Q 17 Qodsi, Hashim Hassan

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Thesis (Ph.D.) - Colorado State University, 1982. - Also available microfiche no. 146. - Bibliography: l. 147-162.

1. Ectomycorrhizas. 2. Mycorrhizas. 3. Fungi. 4. Parasitic plants. 5. الفطريات. I. Title

**03844**

589.2041924

Z 66 Abu-Zinadah, Rida Abdulrahman

1986 The utilization of organic nitrogen sources by ectomycorrhizal fungi and their host plants/ by Rida Abdulrahman Abuzinadah, 1986.

135 leaves : col. ill. ; 30 cm.

Thesis (Ph. D.) - University of Sheffield, 1986. - Bibliography: l. 105-129.

1. Mycorrhizal fungi. 2. Nitrogen compounds. 3. Fungi. I. Title

**03845**

589.20452482

H 273 Hashem, Abdulwahab Rajab

1987 The role of mycorrhizas in the resistance of plants to metals/ Abdulwahab Rajab Hashem, 1987.

195 leaves : col. ill. ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1987. - Bibliography: l. 162-191.

1. Mycorrhizal fungi - Effect of metals on. 2. Symbiosis. 3. Roots (Botany). 4. Ectomycorrhizas. I. Title

**03846**

589.20915312

K 151 Al-Kashkari, Rogia Mohammed Qurban

1987 Studies on mesophilic fungi in the soil of Kingdom of Saudi Arabia (Western region) = دراسات عن الفطريات الوسطية في تربة-

(المنطقة الغربية) by Rogia Mohammed Qurban Al-Kashkari, 1987.

219, [7] leaves : ill. ; 30 cm.

Thesis (M.Sc.) - Girls College of Education, 1987.

1. Fungi - Saudi Arabia - Western region. 2. الفطريات. I. Title II. Title: دراسات عن الفطريات الوسطية في تربة المملكة العربية السعودية (المنطقة الغربية)

**03847**

589.20915312

B 637 Bokhary, Fardous El-Sayed Marof Mosa

1986 Studies on thermophilic and thermotolerant fungi in the soil of Kingdom of Saudi Arabia (Western region) = دراسات عن الفطريات المحبة والفقارية by Fardous El Sayed Marof Mosa Bokhary, 1986.

189 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - Girls College of Education, 1986.

1. Fungi - Saudi Arabia - Western region. 2. الفطريات. I. Title II. Title: دراسات عن الفطريات المحبة والفقارية في تربة المملكة العربية السعودية

**03848**

589.209788

S 25 Sohaibani, Saleh A.

1981 Thermotolerant and thermophilic fungi of Colorado/ Saleh A. Sohaibani, 1981.

x, 106 leaves ; 28 cm.

Thesis (M.Sc.) - Colorado State University, 1981. - Includes bibliographical references.

1. Thermophilic fungi - Colorado. I. Title

**03849**

589.23

H 358 Al-Hedaithy, Saleh Sulaiman Abdullah

1983 Survey of Saudi Arabian soils for the etologic agent of histoplasmosis/ Saleh Sulaiman Abdulla Al-Hedaithy, 1983.

- xi, 75 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Arizona State University, 1983. - Bibliography: l. 70-71.  
1. Soil fungi. 2. Medical microbiology. 3. Fungi. 4. Histoplasmosis. I. Title  
**03850**
- 589.230415  
K 526 Khalief, Abdulla S.  
1978 Genetic variation in a natural population in *aspergillus chevalieri*/ by Abdulla S. Khalief, 1978.  
ix, 55 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Colorado State University, Fort Collins, 1978. - Also available microfiche no. 1268. - Bibliography: l. 45-49.  
1. *Aspergillus* - Genetics. 2. الفطريات. I. Title  
**03851**
- 589.233  
M 725 Al-Mohizea, Ibrahim Saad  
1978 Methanol utilization by yeasts/ by Ibrahim Saad Al-Mohizea, 1978.  
vii, 56 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Michigan State University, 1978. - Also available microfiche no. 1291. - Bibliography: l. 49-55.  
1. Yeast fungi. 2. Fungi, Edible. 3. Yeast fungi - Biotechnology. 4. Yeast. I. Title  
**03852**
- 589.23304192  
K 961 Kumosani, Taha A.  
1990 Characterization and partial purification of the plasma membrane ATPase of *rhodotorula glutinis*/ Taha A. Kumosani, 1990.  
ix, 129 leaves : ill., plates ; 28 cm.  
Thesis (Ph.D.) - Miami University, 1990. - Bibliography: l. 116-129.  
1. *Rhodotorula glutinis*. I. Title  
**03853**
- 589.24  
S 71 Sunboul, Yahya Hamza  
1990 The effect of soil microflora on the biology *macrophomina phaseolina* (TASSI) Goid/ by Yahya Hamza Sunboul, 1990.  
ix, 152 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Missouri-Columbia, 1990. - Also available microfiche no. 1697. - Bibliography: l. 123-151.  
1. Fungi imperfecti. 2. *Macrophomina phaseolina*. 3. الفطريات. I. Title  
**03854**
- 589.250452482  
N 141 Al-Nahidh, Saad Ibrahim  
1985 Host-endophyte compatibility in mycorrhizal crop plants/ by Saad Ibrahim Al-Nahidh, 1985.  
152 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Leeds, 1985. - Bibliography: l. 130-140.  
1. Mycorrhizas fungi. 2. Vesicular-arbuscular mycorrhizas. 3. Endomycorrhizas. 4. Mycorrhizas. 5. Mycoses. 6. Mycorrhizal plants. I. Title  
**03855**
- 589.251  
H 371 Al-Hemeedan, Ali Abdullah  
1982 Aquatic oomycetes of Colorado/ by Ali Abdullah Al-Hemeedan, 1982.  
ix, 81 leaves, 12 plates ; 28 cm.  
Thesis (M.Sc.) - Colorado State University, 1982. - Also available microfiche no. 1512. - Bibliography: l. 76-81.  
1. Oomycetes. 2. Fungi. 3. الفطريات. I. Title  
**03856**
- 589.252  
H 358 Al-Hedaithy, Saleh Sulaiman Abdullah  
1977 Sporangium caducity in phytophthora/ by Saleh Sulaiman Abdulla Al-Hedaithy, 1977.  
ix, 67 leaves ; 28 cm.

- Thesis (M.Sc.) - University of California, Riverside, 1977. - Also available microfiche no. 1284. - Bibliography: L. 65-67.  
1. Phytophthora. 2. Sporangium. 3. الفطريات. I. Title  
**03857**
- 589.258  
S 59 Sultan, Youneskhan Yousufkhan  
1994 Effect of mucilage substrate on germination and growth of wild types and rhizosphere-competent mutants of trichoderma harzianum/ by Youneskhan Yousufkhan Sultan, 1994.  
vii, 37 leaves ; 29 cm.  
Thesis (Ph.D.) - Colorado State University, 1994. - Also available microfiche no. 3457. - Bibliography: I. 29-37.  
1. Trichoderma. I. Title  
**03858**
- 589.4045094294  
H 75 Al-Homaidan, Ali Abdullah  
1986 Ecological studies on the phytoplankton of the freshwater marsh, Oxwich, South Wales/ by Ali Abdullah Al-Homaidan, 1986.  
vi, 236 leaves : ill. ; 30 cm.  
Thesis (Ph. D.) - University College of Swansea, 1986. - Bibliography: I. 192-212.  
1. Phytoplankton - Wales, South-Ecology. I. Title  
**03859**
- 589.40953001  
A 32 Al-Abdulkader, Khaled Abdullah  
1991 Phytoplankton ecology of the Western Arabian Gulf/ by Khaled Abdullah Al-Abdulkader, 1991.  
xii, 76 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Texas A&M University, 1991. - Bibliography: I. 67-69.  
1. Phytoplankton - Arabian Gulf.  
2. Marine phytoplankton - Arabian Gulf.  
3. Marine algae - Arabian Gulf. 4. Marine plankton - Arabian Gulf. 5. - الطحالب. I. Title  
**03860**
- 589.46  
A 42 Arif, Ibrahim A.  
1983 Fluoride effects on the growth and morphology of two thermophilic cyanophytes synechococcus lividus and phormidium laminosum/ by Ibrahim A. Arif, 1983.  
x, 71 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Utah State University, Logan, 1983. - Also available microfiche no. 680. - Bibliography: I. 58-61.  
1. Cyanobacteria. 2. الطحالب. I. Title  
**03861**
- 589.4704133  
A 69 Al-Amoudi, Omar Abdullah  
1983 Nitrogen uptake and assimilation in Platymonas Striata butcher/ Omar Abdullah Al-Amoudi, 1983.  
v, 260 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - Nottingham University, 1983. - Bibliography: I. 235-260.  
1. Platymonas Striata. I. Title  
**03862**
- 589.92  
A 81 Attarge, Fatma Mohamed Noor El-Din  
1988 Physiological studies on some microorganisms as affected by some soil conditions/ by Fatma Mohamed Noor El-Din Attarge, 1988.  
iii, 231 leaves : ill., tables ; 28 cm.  
Thesis (M.Sc.) - Girls College, 1988. - Bibliography: I. 218-231.  
1. Microbiology. 2. Botany. 3. Dissertations, Academic. - Bibliography. 4. الأحياء الدقيقة. I. Title  
**03863**
- 589.92  
K 952 Kuchari, Mohammed Gurban Abdulhadi  
1994 Characteristics and growth kinetics of actinomycete isolates grown on milk whey medium/ by Mohammed Gurban Abdulhadi Kuchari, 1994.  
xix, 261 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Dundee, 1994. - Bibliography: I. 200-216.  
1. Actinomycetales. 2. Bacteria. I. Title  
**03864**

589.95

T 172 Abu-Tarboush, Hamza Mohammed

1987 Protease and peptidase activities of lactic Streptococci as indicators of suitability in Cheese ripening/ Hamzah Mohammed Abu-Tarboush, 1987.

vii, 142 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Missouri - Columbia, 1987. - Bibliography: l. 115-129.

1. Streptococcus lactis. 2. Cheese - Bacteriology. 3. Peptidase. 4. Proteinase. 5. Proteolytic enzymes. I. Title

03865

589.95

B 146 Al-Bagieh, Nasir Hamad

1984 Effect of trace metals, chelating agents, and benzylothiocyanate on growth, acid production, and survival of streptococcus mutans 6715/ by Nasir Hamad Al-Bagieh, 1984.

x, 138 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Indiana University, 1984. - Also available microfiche no. 607. - Bibliography: l. 29-39.

1. Streptococcus mutans. 2. Streptococcaceae. 3. Pathogenic bacteria. 4. Dental caries. 5. Teeth - Diseases. 6. البكتريا. I. Title

03866

589.95

D 74 Al-Dosari, Abdullah M.

1987 The effect of Benzylothiocyanate on epithelial changes induced by trauma and DMBA in the hamster tongue/ by Abdullah M. AlDosari, 1987.

112, 5 leaves : ill. (some col.) ; 29 cm.

Thesis (M. Sc.) - Indiana University, 1987. - Bibliography: l. 80-112.

1. Hamsters - Wounds and injuries - Effect of benzylothiocyanate on. 2. Hamsters as laboratory animals. I. Title

03867

589.95

K 527 Khayat, Fahad Ali Abdulghany

1987 Studies of the proteinase activities of

streptococcus lactis and S. Cremonis/ by Fahad Ali Khayat, 1987.

xv, 100 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Utah State University, 1987. - Also available microfiche no. 582. - Bibliography: l. 84-92

1. Streptococcus. 2. Pathogenic bacteria. 3. Proteinase. 4. البكتريا. I. Title

03868

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Q 67 Qutub, Ahmed Hassan

1970 The influence of nutritional factors and of mutations on the rates of acid production by lactic streptococci/ Ahmed Hassan Qutub, 1970.

viii, 80 leaves ; 29 cm.

Thesis (Ph.D.) - Oklahoma State University, 1970. - Bibliography: l. 75-80.

1. Streptococcus lactis. I. Title

03869

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S 31 Salamah, Ali Abdullah

1980 Purification, characterization and immunochemical neutralization of bacillus pumilus BpCl cytoplasmic and endospore enolase/ by Ali Abdullah Salamah, 1980.

viii, 72 leaves ; 28 cm.

Thesis (M.Sc.) - California State University, 1980. - Also available microfiche no. 1190. - Bibliography: l. 68-72.

1. Bacillus (Bacteria). 2. Bacterial genetics. 3. Cytoplasm. 4. البكتريا. I. Title

03870

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R 326 Alrawi, Maisa Mohammed

1987 Genetic and cytogenetic studies on sheep populations in Saudi Arabia/ by Maisa Mohammed Alrawi, 1987.

V, 209 p. ; 29 cm.

Thesis (M.Sc.) - Girls College of Education, 1987.

1. Zoology. 2. Genetics. 3. Sheep - Saudi Arabia. 4. الأغنام - السعودية. I. Title

03871

591.192

D 88 **Duhaiman, Ali S**

1982 Isolation and characterization of a-actinins from chicken brain, skeletal muscle, and smooth muscle/ by Ali S. Duhaiman, 1982.

xvi, 190 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1982. - Also available microfiche no. 1057. - Bibliography: 1. 181-190

1. Biochemistry. 2. Absorption. 3. الكيمياء الحيوية. I. Title

**03872**

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F 273 **Fauna of Saudi Arabia**/ [edited by] W.

1979 Wittmer, W. Buttiker. -Basle : Pro Entomologia, 1979.

5 v. : ill. (some col.) ; 29 cm.- (Fauna publication; no. 1-5).

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ISBN 3-7234-0000-0

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**03873**

592.0920953123

G 341 **Ghazali, Faisal M.**

1993 Effect of sewage pollution on the occurrence of zooplankton community at Al-Arbaeen and Al-Shabab Lagoons in Jeddah region/ by Faisal M. Ghazali, 1993.

143 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: 1. 135-143.

1. Zooplankton - Jeddah. 2. Sewage lagoons - Saudi Arabia. 3. مكافحة التلوث. I. Title

**03874**

593.17

R 183 **Al-Rasheid, Khaled A.S.**

1992 The effect of heavy metals on the marine ciliate : Euplotes mutabilis (Tuffrau, 1960)/ by Khaled A.S. Al-Rasheid, 1992.

xv, 269 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Southampton, 1992. - Bibliography: 1. 241-269.

1. Ciliata. 2. Euplotes mutabilis. 3. الحيوانات الالوية. I. Title

**03875**

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F 474 **Filfilan, Shafik Abdullah**

1978 Fine-structural studies on the dinoflagellate Prorocentrum Micans (Ehrenberg)/ by Shafik Abdullah Filfilan, 1978.

106 leaves, 40 l. of plates : ill. ; 30 cm.

Thesis (M.Sc.) - University of Manchester, 1978. - Bibliography: 1. 92-96.

1. Procentrum micans - Cytology. 2. Dinoflagellates - Cytology. I. Title

**03876**

593.18048734

Q 12 **Al-Qahtani, Ahmed Ali**

1990 X-ray microanalysis of cytoplasmic inclusions in amastigotes and promastigotes of Leishmania Donovan/ Ahmed Ali Al-Qahtani, 1990.

vii, 82 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Georgia, 1990. - Bibliography: 1. 77-82.

1. Leishman - Donovan bodies. 2. Leishmania - Cytology. 3. Kala-azar. I. Title

**03877**

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T 515 **Tirkistani, Fahd Abdulkarem Ali**

1986 Some spectroscopic and spectrometric studies of Red Sea stony corals/ Fahd Abdulkarem Ali Tirkistani, 1986.

xiv, 166 leaves : ill., map,

plates ; 31 cm.

Thesis (M.Sc.) - University of Salford, 1986. - Includes bibliographical references.

1. Corals - Red Sea - Composition.
2. Chemotaxonomy. 3. Zoology - Classification. I. Title

**03878**

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R 129 Rahim Aldin, Samy Abdulaziz

1989 Histology and histochemistry of the mantle of *pinctada radiata* and *pinctada Margaritifera* from the Red Sea/ by Samy Abdulaziz Rahim Aldin, 1989.

2 v. (viii, 157 leaves) : col. ill., plates ; 28 cm.

Thesis (Ph.D.) - Texas A & M University, 1989. - Also available microfiche no. 2678. - Bibliography: l. 90-94.

1. *Pinctada martensii* - Red Sea - Histology. 2. Shells - Red Sea - Histology. 3. *Pinctada martensii* - Red Sea - Histochemistry. 4. Shells - Red Sea - Histochemistry. 5. Cultured pearls - Red Sea - Histology. 6. Cultured pearls - Red Sea - Histochemistry. 7. الرخويات. I. Title

**03879**

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Y 8 Yousif, Mohammed S.

1973 The incidence of digenetic fluke infection among physid and heliosomid snails in five selected impoundments/ by Mohammed S. Yousif, 1973.

vi, 28 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Kansas State Teachers College, 1973. - Also available microfiche no. 1205. - Bibliography: l. 28.

1. Digenea - Parasites. 2. Parasites. 3. Physidae - Parasites. 4. Snails - Parasites. 5. الرخويات. I. Title

**03880**

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M 261 Al-Madani, Abdulkarim Ali

1984 Dynamics and ecology of biomphalaria obstructa (pulmonata: planorbidae), and of

*pseudosuccinea columella* and *fossaria cubensis* (pulmonata: lymanaeidae), in Southern Louisiana/ Abdulkarim Ali-Madani, 1984.

xxi, 345 leaves : ill., plates ; 29 cm.

Thesis (Ph.D.) - Tulane University, 1984. - Bibliography: l. 299-337.

1. Snails - Louisiana - Ecology. I. Title

**03881**

595.122

D 366 Dehlawi, Mohammed Shafek

1982 Gigantobilharzia huronensis in mouse skin : penetration, movement, and host response/ by Mohammed Shafek Dehlawi, 1982.

iv, 50 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Butler University, 1982. - Also available microfiche no. 1676. - Bibliography: l. 35-38.

1. Gigantobilharzia huronensis. 2. Schistosomiasis. 3. الديدان. I. Title

**03882**

595.147

Og 4 Al-Ogiley, Soliman Mohammed

1977 Studies on serpulid polychaetes/ Soliman Mohammed al-Ogiley, 1977.

94, [4] leaves, 561, 726-729 p. ill. ; 30 cm.

Thesis (Ph.D.) - University of Wales, 1977. - Includes bibliographical references.

1. Polychaeta. 2. Serpulidae. 3. Josephella manrenzelleri. 4. Spirobus inornatus. 5. Annelida. I. Title

**03883**

595.182

A 46 Akhdar, Fawwaz Mohammed Hassan

1979 Host specific and morphological variation of miloidogyne incognita of Arizona cotton/ by Fawwaz Mohammed Hassan Akhdar, 1979.

xii, 54 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona,  
1979. - Also available microfiche no. 1172. -  
Bibliography: 1. 51-54.  
1. Nematoda - Arizona. 2. Cotton -  
Diseases and pests. 3. Cotton - Diseases  
and pests - Arizona. 4. الديدان الخيطية. I. Title  
**03884**

595.182

Z 13 Zafran, Hany

1993 A comparative study of the biology  
and morphology of meloidogyne species  
from Saudi Arabia with some biochemical  
comparisons/ Hany Zafran, 1993.  
vi, 286 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Newcastle  
Upon Tyne, 1993. - Bibliography: 1. 225-244.  
1. Embryology - Aschelminthes.  
2. Meloidogyne. 3. Meloidogyne -  
Morphology. 4. Nematoda - Saudi Arabia -  
Comparative studies. 5. Meloidogyne -  
Saudi Arabia - Comparative studies.  
6. اللافقاريات. I. Title

**03885**

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H 339 Al-Hazmi, Ahmad Saad

1977 Some biological aspects of a meloido-  
gune sp. parasitic on sycamore/ by Ahmed  
Saad Al-Hazmi, 1977.  
vii, 37 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - North Carolina State  
University, 1977. - Also available microfiche  
no. 1006. - Bibliography: 1. 35-37.  
1. Nematoda - Biological control. 2.  
Sycamore - Biological control. 3. Plant  
nematodes. 4. الديدان المستمرة. I. Title

**03886**

595.18209531

Z 15 Abou-Znada, Najwah Y.

1987 Studies on intestinal nematodes of  
Saudi fowls على ديدان الديدان التي =  
دراسات على ديدان الديدان التي =  
تصيب ابناء الدجاج السعودي  
Abou-Znada, 1987.  
172, [6] p. : ill. ; 30 cm.

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Education, 1987.

1. Parasites 2. Nematoda - Saudi  
Arabia. 3. Poultry - Diseases - Saudi  
Arabia. 4. السعدية. I. Title  
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تصيب ابناء الدجاج السعودي

**03887**

595.3

L 142 Al-Lail, Saffi Jamal

1986 Ecophysiological studies on freshwater  
gammarid crustaceans/ Shaikh Saffi Jamal  
Al-Lail, 1986.  
264 leaves : ill., maps. ; 30 cm.  
Thesis (Ph.D.) - University of  
Nottingham, 1986. - Bibliography: 1. 236-264.  
1. Gammaridae. 2. Gammarus. 3. Crustacea.  
I. Title

**03888**

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G 341 Al-Ghamdi, Hamid Saleh H. H.

1986 Studies on the effects on heavy metals  
on freshwater crustacea/ Hamid Saleh H.H.  
Al-Ghamdi, 1986.  
ii, 152 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Wales,  
1986. - Bibliography: 1. 102-152.  
1. Crustacea - Effect of heavy metals  
on. 2. Crustacea - Effect of pollution on.  
3. Crustacea - Diseases. 4. Heavy metals -  
Toxicology. I. Title

**03889**

595.372045

H 539 Hijje, Adnan M.

1986 Studies on the pollution ecology of the  
freshwater Isopod, Asellus Aquaticus/  
Adnan M. Hijje, 1986.  
357 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of  
Nottingham, 1986. - Bibliography: 1. 309-357.  
1. Asellus aquaticus - Ecology.  
2. Asellidae - Ecology. 3. Isopoda -  
Ecology. I. Title

**03890**

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G 341 Ghamrawy, Mostafa Saad

1982 Studies on the ecology and the biology of penaeid shrimp in the region of Jeddah, Saudi Arabia/ Mostafa Saad Ghamrawy, 1982.

vi, 203 leaves : ill., maps, plates ; 30 cm.

Thesis (Ph.D.) - University of Wales,

1982. - Bibliography: I. 189-199.

1. Penaeidae - Ecology. 2. Shrimps - Jeddah - Ecology. I. Title

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G 341 Al-Ghamdi, Khalid M.

1995 Field and laboratory studies on egg parasitoids of the tarnished plant bug, lygus lyneolaris, (P. De B.) (Hemiptera : Miridae) in Southwestern Quebec/ Khalid M. Al-Ghamdi, 1995.

xxii, 204 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - McGill University, 1995. - Bibliography: I. 117-200.

1. Entomology. 2. Insects. 3. Zoology. I. Title

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A 69 Amoudi, Mikky Abdulla

1981 Evaluation of three insect chemosterilants (hempa, thiotepa, and 2,5 dichloro -2,4 dinitro benzenesulfonamide) for their potencies anti-coccidial agents in mice and chickens/ by Mikky Abdulla Amoudi, 1981.

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Thesis (M.Sc.) - Utah State University, 1981. - Also available microfiche no. 1197. - Bibliography: I. 49-55.

1. Insect chemosterilization. 2. Insect sterilization. 3. Insects. 4. الحشرات. I. Title

03893

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1993 compiled by : Reda Abuzoherah, Khaled Al-Taheer, Sarko Berge Tilikian .-Riyadh: Ministry of Agriculture and water, 1993.

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Introduction and Arabic title : قائمة

باسماء الحشرات المسجلة في المملكة العربية السعودية

1. الحشرات - Saudi Arabia. 2. -

المسجلة. I. Abu-Zoherah, Reda, comp.

II. Al-Taheer, Khaled, comp. III. Tilikian,

Sarko Berge, comp. IV. Title: قائمة باسماء

الحشرات المسجلة في المملكة العربية السعودية

03894

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S 18 Al-Saggaff, A.I.M.

1982 Structural and functional characterization of some insect central neurones/ A.I.M. Assaggaff, 1982.

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1. Stick insects - Histology. 2. Crickets - Histology. 3. Insects - Histology. I. Title

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S 36 Suhaibani, Ali Mohammad

1982 Toxicity of four insecticides to larvae and adults of Egyptian Alfalfa weevil, Hypera brunneipennis (Boheman)/ Ali Mohammad Suhaibani, 1982.

vii, 35 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1982. - Bibliography: I. 31-35.

1. Egyptian alfalfa weevil. 2. Curculionidae. I. Title

03896

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A 52 Al-Ahmed, Azzam

1995 Effect and interaction of predation, Intra- and interspecific competition on the population dynamics of container-breeding acedes/ by Azzam Alahmed, 1995.

xiii, 78 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1995. - Also available microfiche no. 396636. - Bibliography: I. 70-78.

1. Aedes. 2. Mosquitoes. I. Title

03897



595.771

Is 7 Issa, Mohammed Abdulrahman

1974 Studies on genetic relationships of aedes (stegomyia) cooki belkin and aedes (stegomyia) tabu edward/ by Mohammed Abdulrahman Issa, 1974.

47 leaves ; 29 cm.

Thesis (M.Sc.) - Johns Hopkins University, 1974. - Also available microfiche no. 1162. - Bibliography: l. 43-46.

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A 69 Amoudi, Mikky Abdulla

1983 Taxonomy and distribution of the stratiomyidae (diptera) of the intermountain region of Western United States/ by Mikky Abdulla Amoudi, 1983.

xix, 262 leaves : ill., maps ; 28 cm.

Thesis (Ph.D.) - Utah State University, Logan, 1983. - Also available microfiche no. 464. - Bibliography: l. 131-139.

1. Stratiomyidae - United States. 2. Diptera - United States. 3. الحشرات. I. Title

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A 13 Al-Amari, Omar Mohammad

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xi, 210 leaves : ill. ; 29 cm.

Thesis [Ph.D.] - West Virginia University, 1988. - Bibliography: l. 189-207.

1. Diptera - Cytology. 2. Simuliidae - Cytology. 3. Simuliidae - West Virginia. 4. الحشرات. I. Title

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A 13 Al-Amari, Omar Mohammad

1982 A study of the black fly fauna of the little laurel run watershed on chestnut

ridge, Preston county, West Virginia/ by Omar Mohammad Al-Amari, 1982.

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1. Simuliidae - West Virginia. 2. الحشرات. I. Title

03901

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S 36 Al-Suhaibani, Saleh M.

1990 Field and laboratory studies of sand flies in Larimer County, Colorado/ by Saleh M. Alsuhaibani, 1990.

viii, 106 leaves : ill., map. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1990. - At head of title: Dissertation. - Bibliography: l. 97-106.

1. Sand flies. 2. Psychodidae. 3. Brumptomyia. 4. Diptera - Colorado. 5. Flies. I. Title

03902

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S 32 Saleh, Abdulmajeed Tonyaz

1986 Time-lapse cinephotomicrography of the effects of hormones on living cells in vitro of glissina morsitans morsitans Westw. (Diptera)/ Abdulmajeed Tonyaz Saleh, 1986.

ii, 227 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Nottingham, 1986. - Bibliography: l. 211-222.

1. Tsetse-flies. 2. Diptera. I. Title

03903

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A 44 Al-Aali, Khadija Yousuf

1993 Studies on pathogenic enterobacteria carried by Musca domestica in the Western region, Saudi Arabia/ by Khadija Yousuf Al-Aali, 1413 H, 1993.

xiv, 202 leaves : ill., plates ; 28 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 164-189.

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2. Insects as carriers of disease - Saudi Arabia - Western region.
3. Enterobacteriaceae. 4. - مكافحة الذباب (السعودية) I. Title

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D 849 Al-Dryhm, Yousif N.

- 1985 An ecological study of the Indian meal moth, *Plodia interpunctella* HBN, with emphasis on the effect of food type hygiene/ by Yousif N. Aldryhm, 1985.

xvi, 149 leaves; 28 cm.

Thesis (Ph.D.) - Ohio State University, 1985. - Also available microfiche no. 622. - Bibliography: I. 145-149.

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L 329 Larsen, Torben Bjørn, (1944-)

- 1984 Butterflies of Saudi Arabia and its neighbours/ Torben B. Larsen; foreword by Khalid Al Faisal Bin Abdul Aziz.- Riyadh : Transworld Arabian Library.- London : Stacey International, 1984.

160 p. : ill. (some col.) ; 29 cm.

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2. Insects - Saudi Arabia. 3. - الفراشات - السعودية. I. Title

**03906**

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A 81 Al-Attar, Atef M.A.

- 1993 Physiological and histopathological alternations of the fish, *Cyprinus mhalensis*, after chronic copper exposure/ by Atef M.A. Al-Attar, 1413 H, 1993.

xvi, 131 leaves: col. plates; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Also abstract in Arabic. - Bibliography: I. 111-131.

1. Fishes - Physiology. 2. Fishes - Histopathology. 3. وظائف الأعضاء. 4. الأسماك - الأمراض. I. Title

**03907**

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K 12 Al-Kahem, Hmoud Fares

- 1980 Freshwater fishes of Saudi Arabia/ Hmoud Fares Al kahem, 1980.

ix, 104 leaves, map : ill. ; 29 cm.

Thesis (M.Sc.) - Colorado State University, Fort Collins, 1980. - Also available microfiche no. 1182. - Bibliography: I. 100-104.

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**03908**

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K 12 Al-Kahem, Hmoud Fares

- 1983 The freshwater fishes of Arabia : systematics and conservation/ by Hmoud Fares Al Kahem, 1983.

xi, 194 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, Fort Collins, 1983. - Also available microfiche no. 358. - Bibliography: I. 188-194.

1. Freshwater fishes - Saudi Arabia. 2. الأسماك - السعودية. I. Title

**03909**

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M 277 Bin Mahfooz, Saeed Bin Saleh

- 1994 Monitoring of aromatic hydrocarbons and heavy metals in edible fishes from Gizan area/ Saeed Bin Saleh Bin Mahfooz, 1994.

viii, 215 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1994. - Bibliography: I. 195-215.

1. Fishes - Effects of heavy metals on - Saudi Arabia - Jazan. 2. Fishes - Effect of water pollution on - Saudi Arabia - Jazan. 3. Heavy metals - Environmental aspects. 4. Heavy metals - Toxicology - Saudi Arabia - Jazan. 5. Fishes - Diseases. 6. الأسماك - جازان (السعودية). I. Title

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J 477 Al-Jerian, Abdullah Abdulrahman

1976 Distribution of fish eggs and larvae in Southeastern Lake Michigan near Donald C. Cook nuclear power plant, 1976/ by Abdullah Abdulrahman Al-Jerian, 1976.

iii, 37 leaves : ill., map ; 29 cm.

Thesis (M.Sc.) - University of Michigan, 1976. - Also available microfiche no. 1141. - Bibliography: I. 36-37.

1. Fishes - Eggs - Michigan, lake.

2. Fishes - Larvae - Michigan, Lake.

3. الأسماك - متشجان (الولايات المتحدة). I. Title

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K 526 Al-Khalifah, Abdulrhaman Salih

1986 Studies on the metabolism of astaxanthin in the rainbow trout (salmo gairdneri)/ by Abdulrhaman Salih Al-Khalifah, 1986.

x, 117 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Rhode Island, 1986. - Also available microfiche no. 1105. - Bibliography: I. 101-117.

1. Salmonidae. 2. Rainbow trout - Anatomy. 3. Rainbow trout - Metabolism.

4. اسماك السلمون. I. Title

03912

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M 29 Mal, Ahmad Osman

1991 Ontogeny and immunocytochemical differentiation of the pituitary gland of coho Salmon, Oncorhynchus Kisutch/ by Ahmed Osman Mal, 1991.

xii, 136 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1991. - Bibliography: I. 124-136.

1. Salmon fisheries - Diseases. 2. Salmon fisheries - Immunology. 3. الأسماك - المرض. I. Title

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Y 88 Al-Yousif, Mohamed Saleh

1977 Fine structure and spermatogenesis in microcotyle sebastis (Goto) 1894

(Monogenea)/ by Mohamed Saleh Al Yousif, 1977.

vii, 73 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Washington State University, 1977. - Also available microfiche no. 2286. - Bibliography: I. 70-73.

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A 32 Al-Akell, Ali S. R.

1982 Aspects of the structure and function of the optic tectum of the freshwater fish (Perca fluviatilis)/ Ali S.R. Al-Akell, 1982.

ix, 164 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Victoria University of Manchester, 1982. - Bibliography: I. 149-164.

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B 179 Bakhsh, Ali A.

1982 Population studies of the flatfish Limanda limanda (L) in Anglesey waters/ Ali A. Bakhsh, 1982.

138, [94] leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Wales, 1982. - Includes bibliography.

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H 19 Hanafi, Nagm el Din Abdul Azim Sayed

1986 Some aspects of the biology and ecology of the Red snapper, Lutjanus campechanus (Rivas, 1966)/ Nagm El Din Abdel Azim Sayed Hanafi, 1986.

vii, 52, 2 leaves : col. ill. ; 31 cm.

Thesis (M.Sc.) - King Saud University, 1986. - Bibliography: I. 46-52. - With Arabic summary and title at endpaper: بعض المظاهر البيولوجية والتربية لسمكة الحمر دم

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M 615 Miller, Jeffrey Dean

1989 Marine turtle : technical report/ prepared by Jeffrey Dean Miller.- Riyadh: Meteorological Environmental Protection Administration, 1989.

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1. Sea turtles - Saudi Arabia. 2. Turtles - Saudi Arabia. 3. Sea turtles - Arabian Gulf. 4. Sea turtles - Red Sea. 5. السلاحف - السعودية. I. Title II. Series

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Z 18 Zari, Talal Ali

1987 The energetics and thermal physiology of Wiegmann's skink, *Mabuya brevicollis*/ by Talal Ali Zari, 1987.

viii, 263 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Nottingham, 1987. - Bibliography: I 233-263.

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S 15 Al-Sadoon, Mohammed Khalid

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S 13 Stagg, Arthur

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S 13 Stagg, Arthur

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Bibliography: p. 48. - Includes indexes.

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S 84 Schulz, Maria

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Z 13 Zaher, Mostafa Mohammad

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F 334 Felemban, Hassan M.

- 1982 A Comparative niche study of wintering woodpeckers/ by Hassan M. Felemban, 1982. vii, 69 leaves : ill., maps ; 28 cm.

Thesis (M.Sc.) - Emporia State University, 1982. - Also available microfiche no. 1159. - Bibliography: l. 60-61.

1. Woodpeckers - Environmental aspects. 2. Niche (Ecology). 3. الطيور. I. Title

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A 16 Ajarem, Jamaan Said S.

- 1982 Foraging behaviour in British wintering thrushes/ by Jama'an Said S. Ajarem, 1982.

xi, 313 leaves : ill. ; 30 cm.

Thesis (M. Sc.) - University of Nottingham, 1982. - Bibliography: l. 255-263.

1. Birds - Food. 2. Thrushes - Britain. I. Title

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D 366 Dehlawi, Mohammed Shafek

- 1986 Mast cell responses to intestinal nematodes in mice/ M.S. Dehlawi, 1986.

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1. Mast cell disease. 2. Mice - Diseases. 3. Nematoda. 4. Mast cells - Immunology. I. Title

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N 13 Al-Nafie, Abdulatif Humoud

- 1989 Large mammals of central northern Saudi Arabia : biogeographic study/ by Abdulatif Humoud Al-Nafie, 1989.

xvii, 206 leaves : maps ; 28 cm.

Thesis (M.A.) - University of New Mexico, Albuquerque, 1989. - Also available microfiche no. 2661. - Bibliography: l. 193-206.

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G 341 Al-Ghanim, Adel A.

- 1994 Sodium perchlorate-induced inactivation of rabbit muscle enolase : partial inactivation of dimeric enzyme and dissociation into inactive monomers/ by Adel A. Al-Ghanim, 1994.

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F 126 Fadil, Ayman Y.

1994 The effect of isoproterenol on the Na-K PUMP activity in isolated ventricular cardiac myocytes in the rabbit/ Ayman Y. Fadil, 1994.

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M 381 Masoud, Ibrahim Mohamed

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F 43 Feteih, Rabab Mohamed Megherbi

1987 The effect of warfarin on the development of the rat fetus/ by Rabab Mohamed Megherbi Feteih, 1987.

146 leaves : col.ill. ; 28 cm.

Thesis (Ph.D.) - Harvard University, 1987. - Also available microfiche no. 2020. - Bibliography: I. 130-146.

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H 57 Al-Himaidi, Ahmed Rasheed

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K 527 Al-Khawajah, Abdulaziz Mansour

1984 Studies on the regulation of rat renal gluconeogenesis : mechanism of action of Somatostatin/ Abdulaziz Mansour Al-Khawajah, 1984.

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J 659 Al-Johany, Awadh Muteirik

1982 Locomotion of rock squirrels (spermophilus variegatus)/ by Awadh Al-Johany, 1982.

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Thesis (M.Sc.) - Utah State University, 1982. - Also available microfiche no. 1009. - Bibliography: I. 49-50.

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N 188 Al-Nasser, Ibrahim A.A.

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T 172 Abou-Tarboush, Faisal Mohammad

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A 11 Arab, Fahad Ahmad H.

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S 29 Al-Shazly, Mona R.

1994 Histological and histochemical changes of rat mammary tissue under the effect of diethylstilbestrol/ by Mona R. Al-Shazly, 1414 H, 1994.

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H 57 Al-Himaidi, Ahmed Rashed

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Q 12 Al-Qarawi, Ali Abdullah

1995 Erythrocyte osmotic fragility and blood indices in the one-humped camel (camelus dromedarius) : correlations with age and sex/ by Ali Abdullah Al-Qarawi, 1995.

v, 50 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Iowa State University, 1995. - Bibliography: 1. 40-49.

1. Camels - Physiology. 2. Veterinary hematology. 3. Blood - Circulation.  
4. Hematology. 5. Blood - Analysis. I. Title

03953

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M 725 Al-Mohammed, Hamdan Ibrahim

1995 Studies on characterization of strains of Trypanosoma evansi (steel, 1885) Balbiani, 1888 from camels in Saudi Arabia/ by Hamdan Ibrahim Al-Mohammed, 1995.

xi, 195, 12 Leaves : ill., Maps ; 30 cm.

Thesis (M.Sc.) - King Saud University, 1995. - Bibliography: p. 156-95. - With Arabic summary and title at the end paper :

دراسات على خصائص سلالات سوطيات الدم

1. Camels - Diseases - Saudi Arabia.

2. Trypanosoma. I. Title II. Title : دراسات على خصائص سلالات سوطيات الدم

03954

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S 16 Al-Shali, Abdulaziz M.A.

1978 Parasites from dogs in the natchitoches, Louisiana animal shelter/ by Abdulaziz M. A. Alshali, 1978.

vi, 18 leaves ; 29 cm.

Thesis (M.Sc.) - Northwestern State University, 1978. - Also available microfiche no. 1173. - Bibliography : 1. 17-18.

1. Dogs - Parasites. 2. Medical parasitology. 3. Parasitic diseases. I. Title

03955

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B 471 Bibliography 1990-1993 : a comprehensive bibliography of technical papers by Research Institute Authors/ Research Institute Authors. -Dhahran: Technical Information Center, Research Institute, KFUPM, 1415 H, 1994.

v, 172 p. ; 23 cm.

Includes indexes.

ISBN 9960-07-044-1

1. Technology - Bibliography.

2. Technology - Research - Saudi Arabia - Bibliography. 3. التكنولوجيا - السعودية - البايوجرافيات. I. King Fahd University of Petroleum and Minerals. Research Institute. Technical Information ...

03956

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**K 581 King Fahd University of Petroleum and Minerals**  
[198-]

**Minerals**  
The edge of technology : book exhibit catalogue/ King Fahd University of Petroleum and Minerals.- Al-Khobar : AbdullFouad Company, [198-].

24 p. in various pagings ; 22 cm.

Co-sponsored by the United States Information Service.

1.Technology - Bibliography. 2.المكتبة. I. United States Information Service, corp. II. Title

**03957**

604.207

**M 464 ME 001 preparatory graphics: student**  
1993 course book .-Dhahran: King Fahd University of Petroleum and Minerals, 1993.

73 p. : ill. ; 22X30 cm.

ISBN 9960-07-014-X

1. Mechanical drawing - Study and teaching. 2. Engineering graphics - Study and teaching. I. King Fahd University of Petroleum and Minerals, corp.

**03958**

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**M 46 ME 001 preparatory graphics : student**  
[19-] exercise book/ University of Petroleum and Minerals .-Dhahran : UPM Printing Press ,[19-].

54 p. : ill. ; 21X30 cm.

1. Mechanical drawing - Study and teaching. 2. Engineering graphics - Study and teaching. I. University of Petroleum and Minerals, corp.

**03959**

607.53111

**K 58 King Abdul Aziz City for Science and Technology**  
1987

Applied research grants program = برنامج المنح التطبيقية: توصيف البرنامج. Riyadh : King Abdulaziz City for Science and Technology, 1987 .

18, 54, [8] p. ; 29 cm.

Text in English and Arabic.

1.Science - Saudi Arabia - Methodology.

2. برنامج المنح : I. Title II. Title : توصيف البرنامج التطبيقية.

**03960**

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**C 788 Coordinating Conference on Technology**  
1985 (1st: 1985: Istanbul)

Science and technology in the Muslim world : proceedings of the first Coordinating Conference on Technology, CCT-1 held at Istanbul, Turkey, 21-25 October 1985/ edited by M. Ali Kettani.- Jeddah : IPSTAD, 1985.

590 p., 6 p. of plates : ill., ports. ; 22 cm.

Text in English and Arabic. - Includes bibliographical references.

1. Technology - Islamic countries - Congresses. 2. Technology - Research - Islamic countries - Congresses. I. Title

**03961**

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**K 581 King Faisal Specialist Hospital and Research Centre**  
[1989]

Staff publications, 1989/ King Faisal Specialist Hospital and Research Centre.- Riyadh : Academic Affairs and Postgraduate Education, [1989].

12, 882 p. : ill. ; 28 cm.

1. Medicine - Saudi Arabia. 2. الطب السعودية. I. Title

**03962**

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**S 85 Saudi Medical Conference (4th: 1979: Dammam**  
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The Fourth Saudi Medical Conference, March 27-29, 1979 : held at the Colleges of Medicine and Medical Sciences, King Faisal University, Dammam/ sponsored by Arabian American Oil Co., Colleges of Medicine and Medical Sciences King Faisal University and Ministry of Health; edited by A.M. Lutfi ... [et al.]- Dammam : King Faisal University, 1399 H, 1979.

- 53 p. ; 24 cm.  
 With Arabic title: المؤتمر الطبي السعودي  
 الرابع بجامعة الملك فيصل  
 I. Medicine - Congresses. I. Title  
 II. Title: المؤتمر الطبي السعودي الرابع بجامعة الملك فيصل  
**03963**
- 610.16  
**M 265 Madkour, M. Monir**  
 1983 Saudi medical bibliography/ M. Monir  
 Madkour, Aida J. Kudwah. - Edinburgh :  
 Churchill Livingstone, 1983-84.  
 3 v. ; 28 cm.  
 Information covered from 1887-1984  
 and v. 3 is an index.  
 ISBN 0-443-02940-7  
 1. Medicine - Saudi Arabia - Biblio-  
 graphy. 2. الطب - السعودية - بيبليوجرافيا.  
 I. Kudwah, Aida J., j.a. II. Title  
**03964**
- 610.28  
**Ib 7 Ibrahim, Hassan Ahmed**  
 1987 An empirical study of selected cost and  
 effectiveness measures for clinical  
 engineering logistics support of biomedical  
 devices/ Hassan Ahmed Ibrahim, 1987.  
 xiii, 318 leaves : ill. ; 29 cm.  
 Thesis (Ph.D.) - George Washington  
 University, 1987. - Bibliography: l. 163-172.  
 1. Biomedical engineering - Costs.  
 2. Medical instruments and apparatus -  
 Costs. 3. Medical care - Costs. 4. Medical  
 care - Finance. I. Title  
**03965**
- 610.28  
**M 584 Middle East Symposium on Management  
 of Hospital Technology (1st :  
 1992 : Riyadh)**  
 The First Middle East Symposium on  
 Management of Hospital Technology 26-  
 29 Shaaban 1412, 29 February 1992-03  
 March 1992 to be held at Cultural Palace  
 Hayy Alsafarat  
 (Diplomatic Quarters)/ sponsored by  
 Health Management International (Saudi  
 Arabia). - Riyadh: Healthcare Management  
 International, 1992.  
 94 p. : col. ill., maps, ports. ; 30 cm.  
 1. Medical instruments and apparatus -  
 Management - Congresses. 2. Hospitals -  
 Materials management - Congresses.  
 3. Hospitals - Saudi Arabia. 4. - المستشفيات -  
 السعودية. I. Health Management International  
 (Saudi Arabia), corp. II. Title III. Title:  
 Management of hospital technology  
**03966**
- 610.6952  
**A 51 Al-Ahmadi, Hanan Abdulaheem**  
 1995 Determinants of job satisfaction among  
 Saudi Arabian female physicians : a  
 qualitative study/ by Hanan Abdulaheem  
 Al-Ahmadi, 1995.  
 xi, 228 leaves ; 29 cm.  
 Thesis (Ph.D.) - University of  
 Pittsburgh, 1995. - Also available microfiche  
 no. 3669. - Bibliography: l. 220-228.  
 1. Physicians - Job satisfaction -  
 Saudi Arabia. 2. الأطباء السعوديون. I. Title  
**03967**
- 610.69530683  
**N 559 Al-Nifay, Abdullah**  
 1981 An assessment to redesign in-service  
 training programs for paraprofessionals  
 employed in military hospitals under the  
 jurisdiction of the Saudi Arabian Ministry  
 of Defense/ by Abdullah Al-Nifay, 1981.  
 v. ; 29 cm.  
 Thesis (Ph.D.) - University of  
 Pittsburgh, 1981. - Also available microfiche  
 no. 175. - Bibliography: l. 829.  
 1. Saudi Arabia. Ministry of Defence.  
 2. Paramedical education - Saudi Arabia.  
 3. Biomedical technicians - In-service  
 training - Saudi Arabia. 4. - التربينين  
 السعودية. I. Title  
**03968**

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J 173 Jadeed, Ibrahim Nassir

1983 A study of some of the factors which influence medical students' choice of a family medicine specialty/ by Ibrahim Nassir Jadeed, 1983.

vii, 99 leaves ; 28 cm.

Thesis (MHA) - University of Minnesota, 1983. - Bibliography: l. 94-99. - Also available microfiche no. 1481.

1. Family medicine - Study and teaching. 2. Medicine - Specialties and specialists. 3. الطب - تعليم. I. Title

03969

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Z 13 Zahrani, Said Aeid

1983 The education of allied health personnel in Saudi Arabia/ by Saeed A. Zahrani, 1983.

vi, 219 leaves ; 28 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1983. - Also available microfiche no. 259. - Bibliography: l. 215-219.

1. Paramedical education - Saudi Arabia. I. Title

03970

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K 587 King Saud University. College of Medicine.

[199-] Department of Family and Community Medicine . Post-graduate

Diploma in family practice/ Department of family and Community Medicine.- Riyadh : King Saud University, [199-]; 23 cm.

1. Family medicine - Study and teaching (Higher) - Saudi Arabia. 2. Medicine - Study and teaching (Higher) - Saudi Arabia. I. Title

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K 587 King Saud University. College of

[1987] Medicine. Postgraduate Centre  
Postgraduate medical education  
academic programme 1406-1407 H (1986-

1987)/ Postgraduate Centre College of Medicine, King Saud University.- Riyadh : King Saud University, [1987].

15 p. ; 24 cm.

With Arabic title: البرنامج الأكاديمي للدراسات الطبية العليا لعام ١٤٠٦-١٤٠٧  
1. Medicine - Study and teaching (Higher) - Saudi Arabia. I. Title. II. Title: البرنامج الأكاديمي للدراسات الطبية العليا لعام ١٤٠٦-١٤٠٧

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H 339 El-Hazmi, M. A. F.

[1986] Toward excellence in medical education : a case study/ by M.A.F. El-Hazmi and S.M.S. Haque.- Riyadh : King Saud University, College of medicine, 1986.

104 p. : ill. ; 25 cm.

Bibliography: p. 103-104.

1. Medical education - Study and teaching - Saudi Arabia. I. Haque, S. M. S., j.a. II. Title

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G 941 Guide book of the postgraduate studies

[191-] council. - [S. 1.] : International Development Group. Co. [199-].

57 p. : ill. ; 30 cm.

Text in Arabic and English.

1. Al-Noor Specialist Hospital (Makkah Al-Mukaramah). 2. Medicine - Study and teaching - Saudi Arabia. 3. الطب - تعليم - السعودية

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C 686 The CMRC Symposia : Applied Medical Research : Past, Present and Future (2nd : 1985 : Riyadh)

Second proceedings of the CMRC Symposia : Applied Medical Research : Past, Present and Future [held at] College of Medicine Research Center, King Saud University, Riyadh, Saudi Arabia, 13-15 Jumada-Al-Awal 1405 H.

(3-5 February 1985) editors:  
Hassan Abu-Aisha ... [et al.]- Riyadh :  
King Saud University Press, 1989.

ix, 123 p. : ill. (some col.) map ; 24 cm.

Includes bibliographical references  
and indexes.

1. Medicine - Research - Congresses.
2. Medicine - Research - Saudi Arabia - Congresses. 3. الطب - السعودية - مؤتمرات.
- I. Abu-Aisha, Hassan, ed. II. Title

**03975**

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C 686 The CMRC Symposia : Applied Medical  
Research (1st: 1983: Riyadh)

Proceedings of the CMRC Symposia,  
1 : Applied Medical Research held by the  
College of Medical Research Centre for  
Science and Technology (SANCST)  
Riyadh : May 10-12, 1983 A.D., Rajab  
27-29 1403 A.H./ edited by Hassan Abu-  
Aisha.- Riyadh : King Saud University  
Libraries, 1407 H, 1983.

vii, 87 p. : ill., maps ; 24 cm.

Arabic text and title at the endpaper:  
includes bibliographical references.

1. Medicine - Research - Congresses.
2. Medicine - Research - Saudi Arabia - Congresses. I. Abu-Aisha, Hassan, ed. II. Title III. Title: السجل العلمي لندوات مركز بحوث كلية الطب، جامعة الملك سعود

**03976**

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D 44 Department of Nursing bulletin. - 1st ed.  
1994-

(1994)-/ King Abdulaziz University.  
Faculty of Medicine and Allied  
Sciences -Jeddah: Scientific Publishing  
Centre, King Abdulaziz University ,  
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v. : ill. ; 24 cm.

Annual.

ISSN 1319-3384

1. Nursing - Saudi Arabia - Periodicals.
2. Nursing - Study and teaching - Saudi

Arabia - Periodicals. 3. التمريض - السعودية - دوريات  
I. King Abdulaziz University. Faculty  
of Medicine and Allied sciences, corp.

**03977**

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J 596 Johali, Eisa Ali

1995 The Philosophies and sciences of teaching, learning and the curriculum in the United Kingdom Project 2000 and in the Saudi Arabian nursing education programmes : towards a philosophy of science-based Saudi Arabian nursing education/ by Eisa Ali Johali, 1995.

vii, 115, xxxv leaves : ill. ; 31 cm.

Thesis (M.Ed.) - University of  
Southampton, 1995. - Bibliography: l.  
I-XVI. - Arabic abstract.

1. Nursing - Study and teaching - Saudi Arabia. 2. Paramedical education - Saudi Arabia. 3. Nursing - Study and teaching - Britain. I. Title

**03978**

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T 869 Turya, E. Baihireyo

1991 Essential paediatric nursing/ E. Baihireyo  
Turya; Flordeliza A. Tiu. - Chelmsford,  
U.K.: Beihireyo Books, 1991.

x, 257 p. : ill. ; 25 cm.

Includes bibliographical references  
and index.

ISBN 0-9515-8193-7 (PBK )

1. Pediatric nursing. 2. Nursing. I. Tiu, Flordeliza A. j.a. II. Title

**03979**

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S 82 The seventh Saudi medical meeting, May  
1982

3-6, 1982 (10-13 Rajab, 1402), held at  
the College of Medicine and  
Medical Sciences, King Faisal  
University : [Abstracts] .-Dammam :  
King Faisal University, 1982.  
216 p. ; 25 cm.

1. Medicine- Saudi Arabia- Congresses.
2. الطب - السعودية - مؤتمرات. I. Saudi Medical Meeting (7th: 1982: Dammam), corp.

**03980**

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A 78 Annual Saudi Medical Meeting (6th: 1981 Jeddah)

The 6th annual Saudi medical meeting 9-12 Jamad Alawal 1401, 15-18 March 1981.- Jeddah, Saudi Arabia : King Abdul Aziz University, 1981.

vi, 31 p. : ill. ; 24 cm.

1.Medicine- Congresses. 2.Medicine - Saudi Arabia - Congresses. 3. الطب - السعودية - مؤتمرات I. Title

03981

610.9531

S 85 Saudi Medical Conference (4th : 1980 : Dammam)

Proceedings of the Fourth Saudi Medical Conference, March 27-29, 1979, College of Medicine and Medical Sciences, King Faisal University.- Dammam : King Faisal University, 1980.

xx, 756 p. : ill. ; 24 cm.

1. Medicine - Congresses. 2. الطب - السعودية - مؤتمرات II. King Faisal University. College of Medicine and Medical Sciences, corp. II. Title

03982

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S 85 Saudi Medical Conference (7th : 1982 : Dammam)

Proceedings of the seventh Saudi Medical Meeting, 10-13 Rajab 1402 (3-6 May, 1982).- Dammam : King Faisal University, 1982.

xxxvi, 954 p. : ill. ; 27 cm.

1. Medicine - Congresses. 2. الطب - مؤتمرات I. Title

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M 725 Mohiuddin, A.

1978 A Handbook of human anatomy/ A. Mohiuddin.- 2nd ed.- Riyadh : University of Riyadh, 1978.

2 v. : ill. ; 24 cm.

Only three sets are complete. - Includes index.

1. Human anatomy. 2. التشريح I. Title

03984

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J 18 Al-Jafari, Abdulaziz A.

1985 Adipocytes in vitro : some aspects of their responses to hormones/ Abdulaziz A. Al-Jafari, 1985.

169, [22] leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1985. - Bibliography: 1. [171-193].

1.Fat cells. 2. Adipose tissues.

3.Connective tissue cells. 4. Cytology.

5.Hormones. I. Title

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A 28 Ardawi, Mohammed Salleh

1983 Some aspects of energy metabolism in lymphocytes/ Mohammed Salleh Ardawi, 1983.

xiii, 340 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Oxford, 1983. - Bibliography: 1. 320-340.

1.Lymphocytes - Metabolism. I. Title

03986

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K 527 Khawaji, Yahya Nasir

1982 Loci of brain stem neurons involved in trigeminal antinociception/ by Yahya Nasir Khawaji, 1982.

x, 153 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Mississippi Medical Center, 1982. - Also available microfiche no. 624. - Bibliography: 1. 82-93.

1. Neurons - Physiology. 2. Brain - Anatomy. 3. التشريح - العصبان. I. Title

03987

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B 918 Bukhary, Mohammed Taher Mulla Akram

1994 The development and evaluation of a semi-automated and automated photo-grammetric system for two and three dimensional (control and stereo) measurement of the human face/ by Mohammed Taher Mulla Akram Bukhary, 1994.

349 p. : ill. ; 31 cm.

- Thesis (Ph.D.) - University of London, 1994. - Bibliography: l. 310-349.**  
 1. Face. 2. Facial bones. 3. Photogrammetry in medicine. 4. Orthodontics. I. Title
- 03988**
- 612.014462  
**S 32 Abu-Saleh, Ali M.**  
 1983 Physiological responses to heat stress of Arabs and Americans/ by Ali M. Abusaleh, 1983.  
 xi, 122 leaves ; 28 cm.  
 Thesis (Ph.D.) - University of Oregon, 1983. - Bibliography: l. 108-122. - Also available microfiche, no. 187.  
 1. Human physiology. 2. Heat - Physiological aspects. 3. علم وظائف الأعضاء. I. Title
- 03989**
- 612.014462  
**R 259 Al-Refaee, Saeed A.**  
 1992 The effect of acute heat stress and caffeine on fractionated simple and choice reaction time and movement time in response to a visual stimulus/ by Saeed A. Al-Refaee, 1992.  
 xiv, 187 leaves ; 28 cm.  
 Thesis (Ph.D.) - Temple University, 1992. - Bibliography: l. 127-139.  
 1. Heat - Physiological effect. 2. Heatstroke. 3. علم وظائف الأعضاء. I. Title
- 03990**
- 612.014484  
**G 346 Al-Ghorabie, Fayed H. H.**  
 1992 Ultraviolet radiation dosimetry and monitoring using CaF<sub>2</sub>: NaT/ by Fayed H.H. Al-Ghorabie.- Surrey: University of Surrey, 1992.  
 [98] leaves ; ill. ; 30 cm.  
 Thesis (M.Sc.). - University of Surrey, 1992. - Bibliography: l. 97-98.  
 1. Radiation dosimetry. 2. Radiation - Measurement. 3. Ultraviolet radiation. 4. الأشعة فوق البنفسجية. I. Title
- 03991**
- 612.014486  
**K 625 Kinsara, Abdurraheem Abdulrahman**  
 [1987] Bioassay and dosimetry for Iodine-131 and Iodine-125: Project report NE-400 problems/ AbdulRaheem Kinsara, [1987].  
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- 03992**
- 612.01514  
**B 14 Badahdah, Mona S. A.**  
 1995 Comparative studies between amylase enzyme purified from urine of hepatic patient and normal person/ by Mona S.A. Badahdah, 1415 H, 1995.  
 x, 155 leaves ; 31 cm.  
 Thesis (M.Sc.) - King Abdulaziz University, 1995. - l. 149-155.  
 1. Amylases. 2. Urine - Analysis. 3. Liver - Diseases. I. Title
- 03993**
- 612.01514  
**S 57 Sonbol, Hala Salim Aleem**  
 1995 Comparative studies of hexosaminidase isoenzymes in the urine of Saudi Patients/ by Hala Salim Aleem Sonbol, 1415 H, 1995.  
 xiv, 165 leaves : ill. ; 31 cm.  
 Thesis (M.Sc.) - King Abdulaziz University, 1995. - Bibliography: l. 124-143.  
 1. Glucosidases. 2. Isoenzymes. 3. Enzymes - Analysis. 4. Urine - Analysis. 5. Diabetes - Saudi Arabia. 6. Glycosuria - Saudi Arabia. 7. مرض السكري - السعودية. I. Title
- 03994**
- 612.01522  
**A 81 Attallah, Ahmed A.**  
 [19-] Prostaglandins, renin and salt and water homeostasis/ by Ahmad A. Attallah, [19-].  
 vi, 145 leaves : ill. ; 28 cm.  
 Thesis (Ph.D.) - State University of New York, [19-]. - Also available microfiche no. 194 - Bibliography: l. 145.  
 1. Renin. 2. Homeostasis. 3. Body fluids. 4. Kidneys - Diseases. I. Title
- 03995**

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H 213 Al-Harbi, Obaid Hamad Marzouk

1993 Immunological study of heat shock proteins in human spermatozoa and seminal plasma/ by Obaid Hamad Marzouk Al-Harbi, 1993.

x, iii, [15] leaves : ill. ; 29 cm.

Thesis (M.A.) - The University of Leeds, 1993. - Bibliography: l. 88-110.

1. Spermatozoa. 2. Seminal proteins. 3. Proteins. 4. الف. I. Title

03996

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H 127 Hakeem, Nabil A.

1987 Biochemical studies of cytidine 3', 5' - cyclic monophosphate and other novel endogenous cyclic nucleotides/ Nabil A. Hakeem, 1987.

359 leaves ; 30 cm.

Thesis (Ph.D.) - University of Wales, 1987. - Includes bibliography.

1. Cyclic compounds. 2. Cyclic nucleotides. 3. Biochemistry. I. Title

03997

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M 413 Al-Matar, Abdulhakim J.

1991 A biomechanical analysis of stair-walking and the effect of load-carrying/ by Abdulhakim J. Al-Matar, 1991.

xii, 136 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - The University of Toledo, 1991. - Bibliography: l. 130-136.

1. Musculoskeletal system. 2. Gait disorders. 3. Movement disorders. 4. علم وظائف الاعضاء. I. Title

03998

512.1111

A 32 Abdo, Mohammad Zailaie

1986 Biochemical studies on human haemoglobin/ Mohammad Zailaie Abdo, 1986.

xviii, 256 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Salford, 1986. - Bibliography: l. 233-247.

1. Hemoglobin. I. Title

03999

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E 81 Bin-Eisa, Fahad

1993 A study of the distribution of aluminum and iron in plasma enriched in vitro with these metals : project report/ by Fahad Bin-eisa, 1993.

29 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Leeds, 1993. - Bibliography: l. 26-28.

1. Plasma chemistry. 2. Clinical chemistry. I. Title

04000

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S 23 Al-Shareef, Aboud H.

1985 Endothelium-derived relaxant factor (EDRF)/ Aboud H. Al-Shareef, 1985.

77 leaves ; 31 cm.

Thesis (M.Sc.) - University of Wales, 1985. - Bibliography: l. 69-77.

1. Vascular endothelium. 2. Nitric oxide - Physiological effect. I. Title

04001

612.35

T 893 Tuwajjri, Ali S.

1981 Role of macrophage function in galactosamine induced liver injury/ by Ali S. Al-Tuwajjri, 1981.

vii, 130 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Tulane University, 1981. - Also available microfiche no. 4. - Bibliography: l. 114-129.

1. Liver - Glycogenic function. 2. Liver - Diseases - Diagnosis. 3. Liver - Puncture. 4. وظائف الأعضاء. I. Title

04002

612.399

A 32 Al-Abdulaly, Abdulaly B.

1990 Determination of retinol by aqueous reverse open column system/ by Abdulaly B. Al-Abdulaly. - Ann Arbor, Mich.: University Microfilms International, 1990.

x, 81 p. : ill. ; 22 cm.



- Thesis (Ph.D.) - University of Rhode Island, 1986. - Also available microfiche no. 102. - Bibliography: p. 76-81.
1. Vitamin A.. 2. Retinoids. 3. Nutrition.
  4. الفيتامينات. I. Title
- 04003**
- 612.399  
Q 12 Qaw, Fuad Salman.  
1992 Metabolism of vitamin D analog, dihydrotachysterol/ by Fuad S. Qaw, 1992.  
xix, 254 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Queen's University, 1992. - Bibliography: l. 208-234.  
1. Vitamin D- Metabolism. 2. Metabolism - Effect of drugs on. 3. الفيتامينات. I. Title
- 04004**
- 612.463  
S 92 Shugdar, Majdah Abdulhadi  
1994 Hormonal and metabolic changes in patients with renal failure/ by Majdah Abdulhadi Shugdar, 1994.  
xv, 190 leaves ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz University, 1994. - Text in English and Arabic. - Bibliography: l. 184-90.  
1. Acute renal failure - Hormone therapy. 2. Kidneys - Diseases - Endocrine aspects. 3. Excretion. 4. Physiology. 5. وظائف الأعضاء. I. Title
- 04005**
- 612.64  
B 23 Al-Bar, Mohammed Ali  
1992 Human development as revealed in the holy Quran and Hadith (The creation of man between Medicine and the Quran)/ Mohammed Ali Albar.- Jeddah : Saudi Publishing and Distributing House, 1992.  
149 p. : ill., (Some col.) ; 22 cm.  
Bibliography: p. 147-149.  
1. Embryology, Human - Religious aspects - Islam. 2. Fetus - Religious aspects - Islam. 3. Islamic medicine. I. Title
- 04006**
- 612.64  
B 23 Al-Bar, Mohammed Ali  
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149 p. : ill., (Some col.) ; 22 cm.  
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1. Embryology, Human - Religious aspects - Islam. 2. Fetus - Religious aspects - Islam. 3. Islamic medicine. I. Title
- 04007**
- 612.640124  
Y 26 Yassin, Ahmed Abdel-Rahim Ahmed  
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A 13 Albar, Hussain Mohammed Salem

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S 52 Semilan, Faisal Hassan

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S 82 Al-Showair, Ibrahim Abdulla

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F 225 Farhan, Mohammad Abdulaziz Masaid

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A 76 Abou-Auda, Hisham Suliman

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1988 I. Syntheses toward mitomycin II. Condensed heterocycles via imino-phosphoranes/ Hamad Z. Alkhathlan, 1988.

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's 5 Ismael, Nashat Abdul-Aziz

- 1987 Resistance of providencia stuartii to chlorhexidine and other antibacterial agents/ Nashat Abdul-Aziz Ismael, 1987. xx, 384 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Wales, 1987. - Bibliography: I. 344-384.  
1. Antibacterial agents. 2. Chlorhexidine. 3. Antiseptics. 4. Disinfection and disinfectants. 5. Drug resistance in microorganisms. I. Title

**04058**

15 329

† 917 Numan, Saud Salem Asad

- 1982 Studies on B-Lactamase producing staphylococcus aureus/ by Saud Salem Asad Numan, 1982. ii, 138, 3 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - Alexandria University, 1982. - Bibliography: I. 129-138.  
1. Penicillin. 2. Antibiotics. 3. Enzymes - Effect of drugs on. 4. Staphylococcus aureus. I. Title

**04059**

15.329

85 Saudi Arabia. Ministry of Health. General  
184 Directorate for Health Affairs  
(Eastern Province)

Policy and guidelines for antibiotics usage/ Ministry of Health, General Directorate for Health Affairs, Eastern Province, Kingdom of Saudi Arabia.- [Riyadh] : Ministry of Health, 1404 H, 1984.

27 p. ; 28 cm.

1. Antibiotics. I. Title

**04060**

5.32923

188 Abou Nassif, Mohammad A.

- 83 High performance liquid chromatography of D-Penicillamine and some other anti-rheumatic agents/ Mohammad A. Abounassif, 1983.

viii, 178 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Bath, 1983. - Bibliography: I. 170-178.

1. High performance liquid chromatography. 2. Liquid chromatography. 3. Antirheumatic agents. 4. Penicillium. 5. Drugs. I. Title

**04061**

615.32992

B 179 Al-Bakleh, Nasir Hamad

- 1981 Bacteriostatic action of tetracycline and other chelating agents at different temperatures/ Nasir Hamad Al-Bakleh, 1981.

59 leaves : ill. ; 28 cm.

Thesis (M.A.) - Indiana University, 1981. - Bibliography: I. 29-33.

1. Tetracyclines. 2. Antibacterial agents. I. Title

**04062**

615.32995

Q 63 Al-Qurashi, Abdulrahman Mohammad

- 1994 Antibiotic and drug resistant enterococci/ Abdulrahman Mohammad Al-Qurashi, 1994.

xvi, 186 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Wales, College of Cardiff, 1994. - Bibliography: I. 173-178.

1. Drug resistance in microorganisms. 2. Antibiotics - Physiological effect. 3. Streptococcus. I. Title

**04063**

615.35

F 121 Faden, Abdullatif Khader Abdulljalil

- 1983 Reactive carboxylic acid derivatives as protease inhibitors/ Abdullatif Khader Abdulljalil Faden, 1983.

xvi, 246 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1983. - Bibliography: I. 223-246.

1. Enzymes. 2. Enzyme inhibitors. 3. Proteolytic enzyme inhibitors. I. Title

**04064**

615.365

A 81 Al-Attas, Omar Salim Abdullah

1983 Studies of Insulin receptors/ Omar Salim Abdullah Al-Attas, 1983.

x, 108 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Newcastle, 1983. - Bibliography: 1. 98-108.

1. Insulin - Receptors. 2. Insulin - Derivatives. I. Title

04065

615.4

C 616 Clinical pharmacy workshop : program [199-]

presented/ by the Community Service Center, with the cooperation of the College of Pharmacy, Department of Clinical Pharmacy, King Saud University. -Riyadh: King Saud University, Community Service Center, [199-].

[4], 214 p. : ill. ; 29 cm.

Includes bibliographies.

1. Pharmacy. 2. Pharmacy - Study and teaching - Saudi Arabia. 3. Clinical pharmacology - Saudi Arabia. 4. Clinical medicine - Saudi Arabia. 5. الصيدلة السريرية. I. King Saud University. Community Service Center, corp. II. King Saud University. College of Pharmacy. Department of Clinical Pharmacy, corp.

04066

615.58

H 17 Hamad, Al-Tayib Abdalla

1987 Influence of some nutrients and chemotherapeutic agents on PGI<sub>2</sub> production by some mammalian organs/ by Eltayib Abdalla Hamad, 1987.

v, 164, 3 leaves ; 29 cm.

Thesis (M.Sc.) - King Saud University, 1987. - With Arabic summary and title.

1. Chemotherapy. 2. Prostaglandins. 3. Mammals - Effects of chemotherapy on. I. Title

04067

615.7

G 559 Al-Gohary, Omaimah Mohammed Noor

1986 The study of the adsorption of propranolol and other beta-adrenoceptor blocking agents onto magnesium trisilicate and other adsorbents/ by Omaimah Mohammed Noor Al Gohary, 1986.

v, 441 Leaves : ill. ; 30 cm.

Thesis (Ph. D.) - Heriot-Watt University, 1986. - Bibliography: 1. 423-441.

1. Drugs - Absorption and adsorption. 2. Drugs - Metabolism. 3. Pharmacokinetics. I. Title

04068

615.7

S 11 Al-Shabanah, Othman A.

1988 Polyamine and acetyl/polyamine levels during phenylhydrazine - induced erythropoiesis in mouse spleen/ by Othman A. Alshabanah, 1988.

xi, 92 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of the Pacific Stockton, California, 1988. - Also available microfiche no. 2462. - Bibliography: 1. 84-92.

1. Pharmacokinetics. 2. Drugs - Metabolism. 3. الأقران. I. Title

04069

615.704

S 49 Al-Samti, Laila A.

1995 Effect of adriamycin drug on some organs of Albino rats/ by Laila A. Al-Samti, 1415 H, 1995.

xxi, 233, [12] leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1995. - Bibliography: 1. 213-233.

1. Doxorubicin. 2. Drugs - Physiological effect. I. Title

04070

615.709531

In 8 Investigation on drug and poison : related problems in Eastern province/ by Hussein Al-Freihy ... [et al.] -Riyadh:

- King Abdulaziz City for Science and Technology, 1989.
- xiii, 168 p. : ill. ; 23 cm.- (General Directorate of Research Grants Programs. King Abdul Aziz City for Science and Tech).
- Includes bibliographical references.
1. Drugs. 2. Poisons and poisoning. 3. Poisoning. 4. Chemotherapy - Saudi Arabia - Eastern province. 5. - العقاقير السامة. I. Al-Freih, Hussein, auth. بحث مشاكل العقاقير والسميات بالمنطقة الشرقية III. Title IV. Series
- 04071**
- 615.71
- E 33 Al-Eshaiwy, Saud Abdul-Aziz
- 1984 The effect of propranolol, metoprolol and oxprenolol treatment on isolated normotensive rat auricles/ Saud Abdul-Aziz Al-Eshaiwy, 1984.
- 56 leaves : ill. ; 30 cm.
- Thesis (M.Sc.) - University of Bradford, 1984. - Bibliography: l. 52-56.
1. Metoprolol. 2. Cardiovascular agents. 3. Drugs. 4. Rats as laboratory animals. 5. Laboratory animals. I. Title
- 04072**
- 615.711
- G 341 Al-Gharably, Naji mohammed
- 1985 The Subcellular localization, fate and handling of cardiac glycosides by HeLa cells/ Naji Mohammed Al-Gharably, 1985.
- 159 leaves : ill. ; 30 cm.
- Thesis (Ph.D.) - University of St Andrews, 1985. - Bibliography: l. 150-159.
1. Cardiac glycosides. 2. HeLa cells. 3. Digoxin. 4. Heart - Diseases. I. Title
- 04073**
- 615.718
- B 89 Al-Buraiqy, Ameen A.
- 1981 Beta-adrenoceptor antagonists as antihypertensive agents with special emphasis on their central mechanism of action/ Ameen A. Al-Buraiqy, 1981.
- 177 leaves : ill. ; 31 cm.
- Thesis (M.Sc.) - University of Wales, 1981. - Bibliography: l. 151-177.
1. Blood - Circulation - Regulation 2. Adrenergic beta agonists. 3. Drugs - Physiological effect. I. Title
- 04074**
- 615.72
- S 91 Al-Suwaidan, Salem D.
- 1992 Influence of drugs on nasal transmembrane potential difference/ by Salem D. Al-Suwaidan, 1992.
- ix, 285 leaves : ill. ; 30 cm.
- Thesis (Ph.D.) - Queen's University of Belfast, 1992. - Bibliography: l. 251-267.
1. Drugs - Physiological effect. 2. Nose - Effect of drugs on. 3. Paranasal sinuses. 4. Nose - Diseases. 5. الأذن. I. Title
- 04075**
- 615.73
- A 56 Al-Abdy, Ali Z. M. Abosehman
- 1994 In-vitro and clinical studies using spironolactone betacyclodextrin and dipyrindamole formulations : evaluation of spironolactone : betacyclodextrin .../ by Ali Z.M. Abosehman Alabdy, 1994.
- xxxvi, 359 leaves : ill. ; 30 cm.
- Thesis (Ph.D.) - University of Bradford, 1994. - Bibliography: l. 334-346.
1. Diuretics. 2. Spironolactone. 3. Drugs - Physiological effect. 4. Clinical pharmacology. I. Title
- 04076**
- 615.739
- Ob 1 Al-Obaidey, Saad S.
- 1994 Metabolism and Pharmacokinetics of minor analgesics/ Saad S. Al-Obaidey, 1994.
- 252 leaves : ill. ; 30 cm.
- Thesis (Ph.D.) - Queen's University of Belfast, 1994. - Bibliography: l. 237-252.
1. Drugs - Metabolism. 2. Pharmacokinetics. 3. Drug activation. I. Title
- 04077**

615.74

**B 225 Banjar, Wafaa Mohammad A.**

1987 An investigation of the pharmacological responsiveness of human eccrine sweat glands/ by Wafaa Mohammad A. Banjar, 1987.

xix, 440 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Manchester, 1987. - Bibliography: l. 345-434.

1. Sweat glands - Effect of drugs on.

I. Title

**04078**

615.78

**H 124 Al-Hafdar, Abdulqader Abdulrahman**

1984 Design, synthesis, and pharmacological activities of 2-substituted-4-phenylquinolines as potential antidepressant drugs/ by Abdulqader Abdulrahman Alhaider, 1984.

ix, 160 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Southern California, 1984. - Also available microfiche no. 107. - Bibliography: l. 135-160.

1. Antidepressants. 2. Psychopharmacology. 3. Psychotropic drugs. 4. الأفيونيات. I. Title

**04079**

615.78

**H 213 Al-Harbi, Mohammed Matar**

1987 The effect of cholinergic modifications on response of neuroendocrine parameters to stress/ by Mohammed Matar Alharbi, 1987.

xii, 178 leaves ; 29 cm.

Thesis (Ph.D.) - Purdue University, 1987. - Also available microfiche no. 2025. - Bibliography: l. 125-160.

1. Pharmacology. 2. Pharmacokinetics. 3. Drugs - Physiological effect. 4. Neuroendocrinology - Effect of drugs on. 5. Stress (Psychology) - Effect of drugs on. 6. الأفيونيات. I. Title

**04080**

615.78

**Q 12 Qato, Mazen Khalil**

1986 Metal-induced alterations of hemoprotein metabolism in the brain/ by Mazen Khalil Qato, 1986.

xvi, 137 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Illinois at Chicago, 1986. - Also available microfiche no. 2451. - Bibliography: l. 11-135.

1. Drugs - Physiological effect. 2. Metabolism - Effect of drugs on. 3. Brain - Metabolism - Regulation. 4. الأفيونيات. I. Title

**04081**

615.781

**A 42 Al-Arifi, Mohamed N.**

1993 Clinical pharmacokinetic and pharmacodynamic studies involving thiopentone and propofol/ by Mohamed N. Al-Arifi, 1993

v, 310 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - Queen's University of Belfast, 1993. - Bibliography: l. 245-256.

1. Anesthetics. 2. التخدير. I. Title

**04082**

615.781

**R 183 Al-Rashood, Khalid A.**

1983 A study of the local anaesthetic and membrane activities of novel quaternary ammonium salts/ by Khalid A. AlRashood, 1983.

vi, 148 leaves : ill. ; 30 cm.

Thesis (Ph. D.) - University of Strathclyde, 1983. - Bibliography: l. 134-148.

1. Local anesthetics. 2. Anesthetics - Physiological effect. 3. Anesthetics - Side effects. I. Title

**04083**

615.784

**Ob 1 Al-Obaid, Abdulrahman M.**

1983 Synthesis of various phthalimide derivatives as potential anticonvulsants/ by Abdulrahman M. Al-Obaid, 1983.

- vii, 60 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Georgia,  
1983. - Also available microfiche no. 228. -  
Bibliography: l. 59-60.  
1. Anticonvulsants. I. Title  
**04084**
- 615.788  
A 32 Ageel, Abdulrahman Mohamed.  
1970 Assessment of the automated platform  
box for evaluating select doses of  
chlorpromazine and chlordiazepoxide on  
mouse behavior/ by Abdulrahman M.  
Ageel, 1970.  
vii, 122 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Wayne State University,  
Detroit, 1970. - Also available microfiche no.  
826. - Bibliography: l. 97-102.  
1. Psychotropic drugs. 2. Tran-quiziling  
drugs. 3. المهدئات. I. Title  
**04085**
- 615.7882  
A 32 Ageel, Abdulrahman Mohamed  
1974 The comparative effects of morphine  
and chlorpromazine on the acquisition of  
conditioned avoidance response/ by  
Abdulrahman Mohamed Ageel, 1974.  
ix, 37 leaves. : ill. ; 29 cm.  
Thesis (Ph. D.) - University of  
Arizona, 1974. - Bibliography: l. 34-37.  
1. Morphine. 2. Tranquilizing drugs.  
I. Title  
**04086**
- 615.7882  
K 527 Al-Khamees, Hamad Abdulaziz  
1985 Synthetic routes to novel tetracyclic  
compounds containing the indazole  
nucleus/ Hamad Abdulaziz Alkhamees,  
1985.  
vii, 166 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - Heriot Watt University,  
Edinburgh, 1985. - Bibliography: l. 161-166.  
1. Benzodiazepines. 2. Tetracyclines.  
3. Tranquilizing drugs. I. Title  
**04087**
- 615.7882  
M 699 Al-Mkhallafi, M. S. J.  
1986 Serotonin and anxiety/ M.S.J.  
Almkhallafi, 1986.  
ii, 52 leaves : ill. ; 31 cm.  
Thesis (M.Sc.) - University of Wales,  
1986. - Bibliography: l. 36-52.  
1. Serotonin. 2. Neurotransmitters .  
3. Emotional conditioning. 4. Anxiety.  
5. Tranquilizing drugs. I. Title  
**04088**
- 615.7882  
D 18 Damanhour, Zeheir Abdullah  
1982 The Benzodiazepines : receptors and  
endogenous ligands/ Zeheir Abdullah  
Damanhour, 1982.  
100 leaves : ill. ; 31 cm.  
Thesis (M.Sc.) - University of Wales,  
1982. - Bibliography: l. 80-100.  
1. Tranquilizing drugs. 2. Benzo-  
diazepines. I. Title  
**04089**
- 615.7882  
G 216 Gassim, Ahmed Eliass Hussien  
1985 The analysis of benperidol and some  
related tranquilliser drugs/ Ahmed Eliass  
Hussien Gassim, 1985.  
262 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Wales,  
1985. - Bibliography: l. 256-262.  
1. Tranquilizing drugs. I. Title  
**04090**
- 615.83  
S 93 Al-Suwayeh, Saleh Abdullah  
1991 The influence of ultrasound on the in  
vitro diffusion of indomethacin through  
hairless mouse skin/ by Saleh Abdullah  
Al-Suwayeh, 1991.  
ix, 75 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of  
Mississippi, 1991. - Bibliography: l. 60-65.  
1. Ultrasonic waves - Therapeutic use.  
2. Mice as laboratory animals. 3. الموجات  
الصوتية. I. Title  
**04091**

615.836

N 852 Nough, Adnan S.

1973 An automated feedback blood-gas control system/ by Adnan S. Nough, 1973.

vii, 168 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Carnegie-mellon University, 1973. - Bibliography: 1.163-168.

1.Blood gases. 2.Ventilation-perfusion ratio. 3.Oxygen therapy. 4. العلاج بالأكسجين. I. Title

04092

615.842

K 527 Khateery, Sameer Mohammad

1988 The effect of radiation therapy on subperiosteal hydroxylapatite implants in rabbits/ by Sameer Mohammad Khateery, 1988.

ix, 65 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Alabama, 1988. - Also available microfiche no. 2348. - Bibliography: 1. 64-65.

1.Radiotherapy. 2.Rabbits as laboratory animals. 3. العلاج بالاشعة. I. Title

04093

615.902

T 21 Tayeb, Osama Sadik

1981 Toxicological actions of the furan analogs of muscarine and the release of acetylcholine, methionine enkephalin and substance P/ Osama Sadik Tayeb, 1981.

xii, 116 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Vanderbilt University, 1981. - Bibliography: 1. 97-116.

1.Industrial toxicology. 2. Furans. 3.Muscarine. I. Title

04094

615.907

S 13 Siddique, Abdulaziz A.

1986 Guide to the management of poisonings/ by Abdulaziz A. Siddique, Abdulrahman Ageel, Adam Lee Cafege.- Riyadh : King Saud University, 1986.

143 p. ; 19 cm.

1. Poisons. 2. Poisoning. 3. السموم. I. Ageel, Abdulrahman Mohamed, j.a. II. Cafege, Adam Lee, j.a. III. Title

04095

615.92568809531

S 94 Study of lead pollution in school children in Saudi Arabia/ Motaheruddin

1991 Ahmed ... [et al.] - Jeddah: King Abdul Aziz University, 1991.

xv, 124, 8 p. : ill. ; 24 cm.

Bibliography: p. 95-103. - Summary in Arabic

1. Lead - Toxicology - Saudi Arabia. 2.Lead - Saudi Arabia - Physiological effect. 3. School children - Health and hygiene - Saudi Arabia. 4. Lead - Environmental aspects - Saudi Arabia. 5. السموم - تلوث البيئة - تلوث البيئة - السموم. I. Ahmed, Motaheruddin, auth. II. Title III. Title: دراسة تلوث الرصاص عند أطفال المدارس بالملكة العربية السعودية

04096

615.95142

S 11 Al-Shabanah, Othman A.

1981 Toxicology and pharmacology of N1-acetylspermidine and N8-acetylspermidine/ by Othman A. Al Shabanah, 1981. vi, 88 leaves ; 29 cm.

Thesis (M.Sc.) - University of the Pacific, 1981. - Also available microfiche no. 833. - Bibliography: 1. 84-88.

1.Spermidine - Toxicology. 2.Spermidine - Physiological effect. 3.Polyamines - Toxicology. 4. Polyamines - Physiological effect. 5. السموم. I. Title

04097

615.952995

Is 7 Istamboli, Mohamed B.

1983 Heat resistance of salmonellae in chocolate ingredients/ Mohamed B. Istamboli, 1983.

iv, 83 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - National College of Food Technology, 1983. - Bibliography: 1. 72-75.

1.Salmonella. 2.Salmonellosis. 3.Food poisoning. 4. Public health. I. Title

04098

- 616.01  
Om 2 Omer, El-Fadil El-Obeid  
1986 Principles of medical microbiology/  
El-Fadil El-Obeid Omer.- Makkah :  
Maktabat Al-Talib Al-Garni, 1989.  
3p. : ill. ; 25 cm.  
Bibliography: p. 345.  
1. Bacteriology. 2. Medical micro-  
biology. 3. الاحياء الدقيقة. I. Title  
**04099**
- 616.01400202  
N 111 Nabbut, Nassim H.  
1982 Manual of laboratory procedures in  
bacteriology/ Nassim H. Nabbut.- Riyadh :  
Ministry of Agriculture and Water, 1982.  
xv, 132 p. : ill. ; 22 cm.  
Bibliography: p. 131-132.  
1. Microbiology - Handbooks, manuals,  
etc.. 2. Bacteriology - Handbooks, manuals,  
etc.. 3. Saudi Arabia. Ministry of Agriculture  
and Water. 4. الاحياء الدقيقة - كتب ارشادية. I.  
Title  
**04100**
- 616.0194  
A 26 Al-Ahdal, Mohammed Noorain Ahmad  
1981 Propagation and purification of two  
animal rotaviruses and production and  
characterization of their antisera/ by  
Mohammed N. A. Al-Ahdal, 1981.  
54 leaves : ill. ; 28 cm.  
Thesis (M.A.) - State University of  
New York at Buffalo, 1981. - Also  
available microfiche no. 830. -  
Bibliography: l. 44-54.  
1. Viruses. 2. Viruses - Diseases.  
3. Medical microbiology. 4. الفيروسات. I. Title  
**04101**
- 616.0194  
A 26 Al-Ahdal, Mohammed Noorain Ahmad  
1985 Transfer of sendai virus glycoproteins  
to cell surfaces by recombinant vesicles and  
the use of the modified cells as targets for  
cell-mediated cytotoxicity/ Mohammed  
Noorain Ahmad Al-Ahdal, 1985 .  
vi, 198 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - State University of  
New York, 1985. - Bibliography: l. 174-190.  
1. Sendai virus. 2. Host-virus relationships.  
3. Tissues. I. Title  
**04102**
- 616.0194  
A 42 Arif, Mohammed A.  
1987 Genetic control of the immune response  
to hepatitis B virus antigens in mice/  
Mohammed A. Arif, 1987.  
xx, 343 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of  
London, 1987. - Bibliography: l. 269-343.  
1. Virology. 2. Virus diseases. 3. Mice  
as laboratory animals. I. Title  
**04103**
- 616.025  
S 68 Symposium on Emergency Medical Service  
1994 in Saudi Arabia, 19-20 April 1994/  
8-9 Dhu AlQaada 1414 [video  
recording]/ [sponsored and held at]  
King Faisal Specialist Hospital and  
Research Center .- Riyadh: K.F.S.H. ,  
1994.  
6 videocassettes : sd., col.  
1. Emergency medical services -  
Saudi Arabia - Congresses. 2. Surgical  
emergencies - Saudi Arabia - Congresses.  
I. King Faisal Specialist Hospital, corp.  
II. Research Center (Riyadh), corp.  
**04104**
- 616.042  
S 68 Symposium on ONA Technology and Genetic  
1993 Engineering in Human Diseases  
(1990; Riyadh)  
Proceedings of the Symposium on  
DNA Technology and Genetic Engineering  
in Human Diseases : 16-17 Shaaban 1410  
(13-14 March 1990 A.D.).- Riyadh : College  
of Medicine, King Saud University, 1414 H,  
1993.



218 p. ; 30 cm.

Includes bibliographical references.

1. Genetic disorders - Diagnosis - Congresses.
2. Genetic engineering - Congresses.
3. Medical genetics - Congresses.
- I. Title

**04105**

616.042

**S 68 Symposium on the Medical Genetics in the the Setting of Middle Eastern Populations (1993: Riyadh)**

Proceedings of the Symposium on the Medical Genetics in the Setting of Middle Eastern Populations : 11-13 Jumada I, 1414 H (26-28 October, 1993)/ M.A.F. El-Hazmi, editor.- Riyadh : King Khaled University Hospital, 1415 H, 1995. viii, 308 p. : ill. ; 29 cm.

Includes bibliographical references.

1. Medical genetics - Middle East - Congresses.
2. Genetic disorders - Diagnosis - Middle East - Congresses.
3. Genetic engineering - Middle East - Congresses.
- I. El-Hazmi, M.A.F., ed. II. Title

**04106**

616.0754

**D 812 Al-Drees, Abdulmohsen Mohammed**

1977 Analysis of forehead skin temperatures/ by Abdulmohsen Mohammed Aldrees, 1977. xiii, 101 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Oklahoma, 1977. - Also available microfiche no. 1186. - Bibliography: l. 61-62.

1. Medical thermography.
2. Body temperature - measurement.
3. Thermography.
4. درجات الحرارة. I. Title II. Title: Forehead skin temperature

**04107**

616.07543

**A 69 Al-Amoudi, Omar Abdullah**

1988 Measurements of the dwell time and calculation of the energy deposited in specific fetal organs/ by Omar Abdullah Al-Amoudi, 1988.

iv, 126 leaves ; 28 cm.

Thesis (M.Sc.) - University of Colorado, Denver, 1988. - Also available microfiche no. 2464. - Bibliography: l. 26.

1. Ultrasonics in medicine.
2. Fetus - Ultrasonic imaging.
- I. Title

**04108**

616.07548

**F 519 First international course in the Middle 1988 East on magnetic resonance imaging**

23-25 October, 1988 : programme abstracts and lectures - Riyadh: Philips Medical Systems, 1988. ca. 200 leaves : ill. ; 31 cm.

sponsored by: Riyadh Al-Kharj Hospital (RKH)/Armed Forces Hospital. - Loose leaves in a folder.

1. Magnetic resonance imaging - Study and teaching.
2. Diagnostic imaging - Study and teaching.
- I. Philips Medical Systems, corp.
- II. Armed Forces Hospital (Riyadh), corp.

**04109**

616.07548

**B 219 Bamajboor, Saleh Mohammed**

1988 Field strength dependence of T1 relaxation in MRI/ by Saleh Mohammed Bamajboor, 1988.

100 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Colorado, Denver, 1988. - Also available microfiche no. 2269. - Bibliography: l. 62-63.

1. Nuclear magnetic resonance.
2. Magnetic resonance imaging.
3. Diagnostic imaging.
4. Radiology, Medical.
5. تشخيص الأمراض. I. Title

**04110**

616.07548

**In 8 International Course on Magnetic Resonance Imaging (4th : 1994 : Riyadh)**

Magnetic resonance imaging : the Fourth International Course, October 1994, Riyadh Armed Forces Hospital,

- Riyadh - Saudi Arabia : syllabus.- Riyadh:  
Armed Forces Hospital,1994.  
311 p. ; 31 cm.  
Includes bibliographic references.  
1.Magnetic resonance Imaging -  
Congresses. I. Title
- 04111**
- 616.07548  
M 429 Mattar, Essam Hussain  
1993 Understanding and developing the use  
of barium sulphate as an oral MRI contrast  
agent/ by Essam Hussain Mattar,1993.  
47 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of  
Surrey, 1993. - Bibliography: l. 42-47.  
1.Abdomen - Magnetic resonance  
imaging. 2. Medical physics. 3. Diagnostic  
imaging. 4. Imaging systems in medicine.  
I. Title
- 04112**
- 616.0756  
A 11 Alam, Ibrahim Abdulhamid  
1983 Voltammetric immunoassay of human  
albumin and goat antiserum to human  
albumin by lead, cobalt, and nickel  
labeling/ by Ibrahim Abdulhamid Alam,  
1983.  
ix, 130 leaves : ill. ; 29 cm.  
Thesis (Ph.D.)- University of  
Washington, 1983.- Also available microfiche  
no. 660. - Bibliography: l. 121-127.  
1. Clinical chemistry. 2. Biochemistry.  
3. Albumin. 4. تشخيص الأمراض. I. Title
- 04113**
- 616.0756  
C 393 Chaudhary, Adeel Gulzar A.  
1994 Development of starch gel electropho-  
retic technique for the evaluation of  
Alkaline Phosphate isoenzymes using  
neuraminidase and its clinical application/  
Adeel Gulzar A. Chaudhary,1994.  
84 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of Sheffield  
and the Hallam University, 1994. -  
Bibliography: l. 77-84.  
1. Clinical enzymology. 2. Isoenzymes.  
3. Gel electrophoresis. 4. Alkaline phos-  
phatase - Analysis. 5. Starch. 6. Clinical  
chemistry I. Title
- 04114**
- 616.0756  
D 134 Dagriri, Hassan  
1992 Comparison of direct and extraction  
assays for the measurement of urinary free  
cortisol/ by Hassan Dagriri,1992.  
78 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of  
Nottingham, 1992. - Bibliography: l. 77-78.  
1. Clinical chemistry. 2. Urine -  
Analysis. I. Title
- 04115**
- 616.0756  
H 339 El-Hazmi, Mohsin A.F.  
1989 Guide-lines of biochemistry services/  
by Mohsin A.F. El-Hazmi.- 1st ed..-  
Riyadh : King Saud University,1989.  
viii, 63 p. : ill. ; 20 cm.  
1. Biochemistry. 2. الكيمياء الحيوية. I. Title
- 04116**
- 616.075602854  
H 339 Al-Hazmi, Khaled  
1993 Automation of a medical biochemistry  
services system/ by Khaled Al-Hazmi,  
1993.  
ii, 74 leaves : ill. ; 31 cm.  
Thesis (M.Sc.) - London school of  
Economics and Political Science, 1993. -  
At head of title "M.Sc. analysis design and  
management of information systems:  
report 1993. - Bibliography: l. 74.  
1.Clinical biochemistry - Automation.  
2.Clinical biochemistry - Automation -  
Management. 3. Clinical chemistry -  
Automation. 4.Clinical chemistry laboratories  
- Automation. I. Title
- 04117**

616.07561

A 19 Abbas, Amro M.

1994 Measurement of antibody avidity for hepatitis C among blood donors in trent/ Amro M. Abbas, 1994.

72 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Sheffield and Sheffield Hallam University, 1994. - Bibliography: l. 66-72.

1. Blood - Analysis. 2. Pathology. 3. Hepatitis, Non-A, Non-B - Diagnosis. 4. Diagnosis, Laboratory. 5. Directed bloods donation - Analysis. I. Title

**04118**

616.07561

S 96 Al-Sawaf, Khaled Saleh

1984 Isotachophoretic analysis of bloodstains: differentiation of human, menstrual, bovine and ovine bloods/ by Khalid Saleh Al-Sawaf, 1984.

xiv, 135 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Colorado State University, 1984. - Also available microfiche no. 420. - Bibliography: l. 126-135.

1. Blood - Analysis. 2. Bloodstains - Analysis. 3. الدم - سرطان. I. Title

**04119**

616.07572

N 218 Natto, Sameer S. A.

1992 4-MV X-ray spectral reconstruction using numerical analysis method of transmission data/ by Sameer S. A. Natto, 1992.

Ca. 100 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - University of Surrey, 1992. - Includes bibliographies.

1. X-ray spectroscopy. 2. Radio-graphy. 3. الأشعة اكسي. I. Title

**04120**

616.07575

D 334 Al-Dayel, Omar A.F.

1988 Labelling of olive oil with radioactive iodine and radioactive technetium/ by Omar A.F. Al-Dayel, 1988.

viii, 150, [4] leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Saud University, 1988. - Bibliography: l. 143-150.

1. Radioisotope scanning. 2. Radio-labeling. 3. Olive oil. 4. Radioisotopes in medical diagnosis. 5. Proctins - Spectra. 6. Radioiodination. I. Title

**04121**

616.0792

S 27 Al-Sedairy, Sultan T.

1987 Human tumor antigens indentified with monoclonal antibodies/ Sultan T. AlSedairy, 1987.

ix, 214 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Columbia University, 1987. - Also available microfiche no. 343. - Bibliography: l. 200-214.

1. Monoclonal antibodies. 2. Tumor antigens. 3. Tumors - Immunological aspects. 4. المضادات الجهرية. I. Title

**04122**

616.0792

A 28 Azhar, Esam Ibraheem

1994 Detection of HSV-2 antibodies to type specific HSV-glycoprotein G2 antigen using the ELISA technique/ Esam Ibraheem Azhar, 1994.

102 leaves ; 30 cm.

Thesis (M.Sc.) - University of Sheffield and Sheffield Hallam University, 1994. - Bibliography: l. 89-101.

1. Histocompatibility testing. 2. Carbohydrates. 3. Antigens - Analysis. 4. Anti-antibodies. I. Title

**04123**

616.0793

Z 15 Zamzami, Omar Mohamed Hassan

1993 Evaluation of the importance of detection of IgG and IgM for toxoplasma gondii among Saudi blood donors in blood bank of Al-Noor Specialist Hospital - Makkah Al-Mokarrama - Saudi Arabia/ by Omar Mohamed Hassan Zamzami, 1993.

- xii, 193, 5 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - Arabian Gulf University, 1993. - Bibliography: l. 174-193.  
1. Immunoglobulins. 2. Anti-idiotypic antibodies. 3. Al-Noor Specialist Hospital (Makkah Al-Mukarramah). 4. Anti-antibodies.  
5. المضادات الجينية. I. Title

**04124**

616.0795

B 179 Bakir, Mohamed Fahmy

- 1982 Comparison of serological techniques for the detection of IgM antibody to cytomegalovirus/ Talal Mohamed Fahmy Bakir, 1982.

302 leaves ; 31 cm.

Thesis (Ph.D.) - University of London, 1982. - Bibliography: l. 292-302.

1. Serology. 2. Diagnostic microbiology. 3. Cytomegaloviruses. I. Title

**04125**

616.12

S 27 Scientific Session of the Saudi Heart Association (6th: 1995 : Jeddah)

- 6th Scientific Session Saudi Heart Association Jeddah, Saudi Arabia, Tuesday - Thursday 23-25 Shaban 1415 (24-26 January 1995) = الندوة العلمية السادسة - المملكة العربية السعودية، الثلاثاء - الخميس ٢٣-٢٥ شعبان ١٤١٥ هـ / organized by Saudi Heart Association.- Riyadh : King Saud University Press, 1415 H, 1995.

xxxv, 88 p. ; 27 cm.

Includes index.

1. Heart - Diseases - Congresses.  
2. Saudi Heart Association. 3. جمعية القلب السعودية. I. Title II. Title: الندوة العلمية السادسة - المملكة العربية السعودية، جدة - المملكة العربية السعودية، الثلاثاء - الخميس ٢٣-٢٥ شعبان ١٤١٥ هـ - يناير ١٩٩٥.

**04126**

616.1205

S 85 Saudi Arabia. Ministry of Health

- [19-] Facing the emergencies.- Riyadh : Ministry of Health, [19-].

327 p. ; 28 cm.

1. Heart - Diseases. 2. Cardiac resuscitation. 3. القلب - امراض. I. Title

**04127**

616.1206

A 44 Asiri, Yousif Abdu

- 1991 Patterns of anticoagulant therapy monitoring in ambulatory cardiology patients at a university medical center/ by Yousif Abdu Asiri, 1991.

v, 53 p. : ill. ; 28 cm.

Thesis (M.Sc.) - University of North Carolina, 1991. - Bibliography: l. 52-53.

1. Heart - Diseases - Treatment. 2. Cardiology - Research. I. Title

**04128**

616.1207547

R 137 Rajab, Maher Ibrahim

- 1994 Design of a microprocessor based ECG simulator/ by Maher Ibrahim Rajab, 1415 H, 1994.

v, 157, 16, leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1994. - Bibliography: l. 72-73. - with introduction and title in Arabic: تصميم جهاز محاكي لاشارة القلب باستعمال المايكرو الدقيق

1. Electrocardiographs - Design. 2. Medical instruments and apparatus. 3. Electrocardiography. 4. Electrokymography. 5. Heart - Diseases - Diagnosis. I. Title II. Title: تصميم جهاز محاكي لاشارة القلب باستعمال المايكرو الدقيق

**04129**

616.132

A 36 Ashoor, Abdul Aziz

- 1971 Über den Einfluss der Manschettenbreite auf das Ergebnis der auskultatorischen Blutdruckmessung nach Riva-Rocci / Korotkoff in Ruhe und unter Belastung/ vorgelegt von Abdulaziz Ashoor, 1971.

33 p. : ill. ; 21 cm.

Thesis (Ph.D.) - Johannes Gutenberg-Universität Mainz, 1970. - Bibliography: p. 29-33.

1. Hypertension. I. Title

**04130**

616.132

**In 8 International Symposium on Hypertension  
1985 (1985 : Riyadh)**

Hypertension : current concepts and management : based on proceedings of an International symposium, held by Security Forces Hospital, Ministry of Interior, Riyadh ... 26 Shabaan 1405/16 May 1985/ edited by Stephen R. Smith.- Riyadh : Security Forces Hospital, 1985.

206 p. : ill. ; 20 cm.

Includes bibliographies.

1.Hypertension - Congresses. 2.Blood pressure - Congresses. 3. ضغط الدم. I. Smith, Stephen R., ed. II. Saudi Arabia. Ministry of Interior. Security Forces Hospital, corp. III. Title

**04131**

616.1320088375

**S 16 Al-Saed, Adil M.**

1983 A study of the level of knowledge in the area of high blood pressure among the tenants of married student housing at Indiana State University/ by Adil M. Alsaed, 1983.

vi, 68 leaves ; 28 cm.

Thesis (M.Sc.) - Indiana State University, 1983. - Also available microfiche no. 1763. - Bibliography: l. 43.

1.Married students - Diseases - Indiana. 2. Hypertension - Indiana. 3. ضغط الدم. I. Title

**04132**

616.145

**Z 42 Abu-Zenadah, Adel M.**

1994 Evaluation of the assay for activated protein C resistance/ Adel M. Abuzenadah, 1994.

93 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Sheffield and sheffield Halam University, 1994. - Bibliography: l. 90-93.

1. Protein C deficiency - Evaluation. 2.Pathology. 3.Thrombosis - Complications

and sequelae. 4. Blood - Coagulation. 5.Thrombophlebitis. I. Title

**04133**

616.15

**B 623 Blood coagulation and fibrinolysis in health and disease in Saudi Arabia/** 1993 A.M. Abdel Gader, ... [et. al.] -. Riyadh: King Abdul Aziz City for Science and Technology , 1413 H, 1993.

223, 14 p. : ill. ; 24 cm.

Title in Arabic: دراسات في تخثر الدم في الصحة والمرضى في المملكة العربية السعودية - Includes bibliographical references.

1.Blood coagulation disorders. 2.Blood - Coagulation. 3. Hemostasis. 4.Hemostatics. I. Abdel Gader, A.M., auth. II. Title: دراسات في تخثر الدم في الصحة والمرضى في المملكة العربية السعودية

**04134**

616.15

**L 497 Lectures in haematology for medical technologists and colour atlas/** edited by A. P. W. Samuel, A.S.A Bawazeer -.Riyadh: Mars Publishing House, 1992.

252 p. : col.ill. ; 24 cm.

Includes index.

1. Hematology. 2. Blood. 3. الدم. I. Samuel, A.P.W., ed. II. Bawazeer, A.S.A., ed.

**04135**

616.152075

**F 289 Al-Fawwaz, Abdulaziz Abdullah**

1985 Plasma lipid and lipoprotein parameters in anaemia/ by Abdulaziz Abdullah Alfawwaz, 1985.

xii, 86 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Illinois at Chicago, 1985. - Also available microfiche no. 1008. - Bibliography: l. 83-85.

1. Anemia - Diagnosis. 2. Blood Lipids. 3. Blood lipoproteins. 4. - فقر الدم - تشخيص. I. Title

**04136**

616.1527

J 22 Al-Jama, Ali H.

1992 Management manual of sickle cell disease/ Ali H. Al-Jama and Ibrahim A. Al-Dabbous.- [s.l.] : Authors, 1992.  
xvi, 290 p. ; 25 cm.

Arabic title: المرشد العلاجي لمرض فقر الدم المنجلي.  
Includes bibliographical references and index.

1. Sickle cell anemia - Saudi Arabia.  
I. Al-Dabbous, Ibrahim A., j.a. II. Title  
III. Title: المرشد العلاجي لمرض فقر الدم المنجلي

04137

616.1527009531

S 12 Sickle cell and thalassaemia disorders :

1991 guidelines for management/ edited by Mohsen A. F. El-Hazmi and Hassan M. Bahakim .- Riyadh: National Study Group and WHO Collaborating Centre, Dept. of Biochemistry, King Saud University , 1991.  
xxv, 108 p. : ill. (some col.), map ; 22 cm.

Includes bibliographies.

1. Sickle cell anemia - Saudi Arabia.  
2. Thalassaemia - Saudi Arabia. 3. Hemoglobinopathy. 4. Hemolytic anemia - Saudi Arabia. 5. الأمراض - الدم. I. El-Hazmi, Mohsen A. F., ed. II. Bahakim, Hassan Mohsin A. F., ed.

04138

616.2

Y 88 Yousef, Abdelaziz Mohammed

1978 Die häufigkeit von Atemwegserkrankungen, besonders der sinusitis, bei Kindern und erwachsenen in einem Industriegebiet : Eine epidemiologische Studie/ von vorgelegt Abdelaziz Mohammed Yousef, 1978.  
68 p. : ill. ; 21 cm.

Thesis (Ph.D.) - Rheinisch-Westfälischen Technischen Hochschule, Aachen, 1978. - Bibliography: p. 51-55.

1. Respiratory organs - Diseases.  
2. Respiratory infections. 3. Pediatric respiratory diseases. 4. Sinusitis. I. Title

04139

616.2020097192

M 675 Mirdad, Solomon Abdulmati

1994 Incidence and risk factors of acute lower respiratory infections among Inuit children and adolescents the Northwest Territories/ by Solomon Abdulmati Mirdad, 1994.  
xvi, 224 leaves : ill., maps. ; 29 cm.

Thesis (Ph.D.) - University of Manitoba, 1994. - Bibliography: l. 193-210.

1. Respiratory infections - Northwest Territories. 2. Respiratory infections in children - Northwest Territories. 3. Eskimos - Children - Health aspects. 4. Pediatric respiratory diseases - Northwest territories. I. Title

04140

616.203079

L 978 Al-Luwaimi, Ahmed Muhammed

1994 Identification of pyrogenic components of influenza virus using reassortants of differing pyrogenicity/ by Ahmed Muhammed Aluwaimi, 1994.

iii, 186 leaves : ill. (some col.), plates ; 30 cm.

Thesis (Ph.D.) - University of Birmingham, 1994. - Bibliography: l. 171-186.

1. Influenza viruses - Pathogenesis.  
2. Immunogenetics. I. Title

04141

616.238009531

S 85 Saudi Arabia. Ministry of Health. National Scientific Committee of Bronchial Asthma

National protocol for the management of bronchial asthma/ National Scientific Committee of Bronchial Asthma.- 1st ed.- Riyadh : Ministry of Health. General Directorate of Health Centers, 1416 H, 1995.  
27 p. : ill. ; 25 cm.

Bibliography: p. 24-25.

1. Asthma - Saudi Arabia. 2. Bronchi - Diseases - Saudi Arabia. I. Title

04142

616.238061

S 17 Al-Shammari, M. I. T. Al-Hassan

1984 Intramuscular trimecinolone acetamide in treatment of chronic bronchial asthma : (a descriptive retrospective clinical study)/ M.I.T. Al-Hassan Al-Shammari, 1984. xxiii, 389 leaves ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1984. - Bibliography: 1. 359-389.

1. Asthma. 2. Triamcinolone acetamide. 3. Bronchodilator agents. I. Title

04143

616.33009531

G 219 Gastrointestinal function in health and

1989 disease in Saudi Arabia/ by Hassan A. El-Munshid, ...[et al.] -Riyadh: King Abdul Aziz City for Science and Technology, 1989.

94 p. : ill. ; 23 cm.- (General Directorate of Research Grants Programs. King Abdul Aziz City for Science and Technology).

Includes bibliographical references. - "Some text in Arabic language".

1. Gastrointestinal function tests. 2. Gastrointestinal system - Diseases - Saudi Arabia. 3. المعدة - امراض - السعودية.

I. El-Munshid, Hassan A., auth. II. Title: وظيفة الجهاز الهضمي في الامعاء والمرضى في المملكة العربية السعودية III. Series

04144

616.34307545

B 329 Bawazeair, Saleh A.

1984 A descriptive retrospective study of the impact of endoscopy and cimetidine upon peptic ulcer disease/ Saleh A. Bawazeair, 1984.

xxvii, 360 leaves ; 31 cm.

Thesis (Ph.D.) - U.W.I.S.T. (University), 1984. - Bibliography: 1. 340-360.

1. Peptic ulcer - Diagnosis. 2. Peptic ulcer - Treatment. 3. Endoscopy. I. Title

04145

616.362

Ot 3 Al-Othman, Abdullah Abdulrahman

1989 Influence of copper deficiency on plasma lipoproteins and the development of enlarged plasma volume and cholesterol pool size/ Abdullah Abdulrahman Al-Othman, 1989.

71 leaves ; 28 cm.

Thesis (M.Sc.) - The University of Arizona, 1989. - Bibliography: 1. 63-71.

1. Blood lipoproteins - Nutritional aspects. 2. Hepatitis. 3. Hypocupremia. 4. Deficiency diseases. I. Title

04146

616.362

Ot 3 Al-Othman, Abdullah Abdulrahman

1992 Influence of copper deficiency on liver morphology, aortic integrity, plasma lipoprotein and hepatic lipid profiles, and hepatic fatty acid synthesis in vivo/ by Abdullah Abdulrahman Al-Othman, 1992.

150 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Arizona, 1992. - Bibliography: 1. 130-150.

1. Liver - Diseases - Nutritional aspects. 2. Blood lipoproteins - Nutritional aspects. 3. الكبد - امراض. I. Title

04147

616.3623

K 527 Khayat, Hassan

1977 Der komplette extrahepatische verschl ussikerus des hundes : beeinflussung der nierenfunktion durch normotonen hamorrhagischen schock/ vorgelegt von Hassan Khayat, 1977.

51 p. : ill. ; 21 cm.

Thesis (Ph.D.) - Philipps-Universitat Marburg, 1977. - Bibliography: p. 47-51.

1. Hepatitis. 2. Liver - Diseases. 3. Hemorrhagic shock. 4. Dogs- Experiments. I. Title

04148

616.3623

L 648 Linjawi, Mustafa Hasan

1989 Hepatitis/ Mustafa Hasan Linjawi,  
1989.

303 leaves ; 28 cm.

Thesis (M.A.) - University of Alabama at  
Birmingham, 1989. - Bibliography: l. 296-303.

1. Hepatitis. I. Title

04149

616.362300953121

G 341 Ghabrah, Tawfik M.

1991 Acute sporadic non-A, non-B hepatitis  
and blood transfusion in Makkah province,  
Saudi Arabia/ by Tawfik M. Ghabrah, 1991.  
viii, 155 leaves : map ; 28 cm.

Thesis (Ph.D.) - University of  
Maryland, 1991. - Bibliography: l. 140-155.

1. Hepatitis viruses - Makkah Al-  
Mukaramah. 2. Hepatitis B virus - Makkah  
Al-Mukaramah. 3. Hepatitis in children -  
Makkah Al-Mukaramah. 4. Blood -  
Transfusion. 5. Hepatitis, Non-A, non-B -  
Makkah Al-Mukaramah. 6. الكبد - امراض -  
المعدية. I. Title

04150

616.37

D 139 Al-Dahr, Abdullah M. Saim

1992 Effects of metronidazole on permeability  
and morphology of main pancreatic duct/ by  
Abdullah M. Saim Aldahr, 1992.  
44 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Hacettepe  
University, 1992. - Bibliography: l. 38-44.

1. Pancreatic duct - Diseases.  
2. Metronidazole. 3. Pancreatic duct -  
Diseases - Treatment. 4. Pancreas - Diseases  
- Diagnosis. 5. البنكرياس - امراض. I. Title

04151

616.39009531

N 213 National chronic metabolic diseases

1995 survey/ Abdul Rahman Al-Nuaim ...  
[et al.] - Riyadh: Ministry of Health,  
1416 H, 1995.

v. : ill. ; 28 cm.

Contents: p.1. Prevalence of diabetes,  
mellitus, obesity and hypercholesterolemia  
in Saudi Arabia. - Bibliography: p. 71-75.

ISBN 9960-603-01-6 (Pt. 1)

ISBN 9960-603-15-6 (Pt. 2)

ISBN 9960-603-14-8 (set)

1. Metabolism - Disorders - Saudi  
Arabia - Surveys. 2. - امراض -  
التغذية. I. Al-Nuaim, Abdulrahman, auth.

04152

616.3997042

F 25 Al-Farsi, Salman Abdulsalam

1980 Metabolism of plasma very low  
density lipoprotein in endogenous  
hypertriglyceridemia : mode of action of a  
new lipid lowering agent/ by Salman  
Abdulsalam Alfarsi, 1980.

ii, 137 leaves ; 29 cm.

Thesis (M.Sc.) - Medical College of  
Wisconsin, 1980. - Also available microfiche  
no. 1200. - Bibliography: l. 120-137.

1. Low density lipoproteins - Metabolism  
- Disorders. 2. Blood lipoproteins -  
Metabolism - Disorders. 3. الفاترما. I. Title

04153

616.44009531

N 213 National iodine deficiency disorders

1995 survey Saudi Arabia, 1994-95/  
Abdulrahman Al-Nuaim ... [et al.] -  
Riyadh: Ministry of Health, 1416 H,  
1995.

29 leaves ; 30 cm.

المسح الصحي لاضطرابات عوز :  
اليود في المملكة العربية السعودية،  
١٩٩٥-١٩٩٤

ISBN 9960-603-00-8

1. Iodine deficiency diseases - Saudi  
Arabia. 2. - اليود - السعودية. I. Al-Nuaim,  
Abdulrahman, auth. II. Title: المسح الصحي:  
لاضطرابات عوز اليود في المملكة العربية السعودية،  
١٩٩٥-١٩٩٤

04154



616.445

A 69 Al-Amoudi, Najlaa Mohamed

1984 In verto and in vivo effects of parathyroid hormone and human cancer ascites fluid bone resorbing protein/ by Najlaa Mohamed Alamoudi, 1984. xvi, 193 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Boston University, 1984. - Also available microfiche no. 621.- Bibliography: l. 165-192.

1.Parathyroid glands - Diseases.  
2.Parathyroid glands - Tumors. 3.Parathyroid hormone. 4. Cancer. 5. الغدة الدرقية - أمراض. I. Title

04155

616.462

D 54 Diabetes mellitus and the eye : selected

1990 management courses in ophthalmology, 4-5 June 1990/ [edited by] M. Zafer Wafai. - Riyadh: King Khalid Eye Specialist Hospital, 1990. [3], 30 leaves ; 26 cm. Spiral binding.

1.Diabetes. 2. Eye - Diseases.  
3.Diabetes - Saudi Arabia. 4. مرض السكري.  
5. مرض السكري - السعودية. I. Wafai, M. Zafer, ed.

04156

616.462

H 213 Al-Harbi, Mohammed Matar.

1983 Evaluation of subchronic treatment with insulin suppressing agents in normal and obese rats/ by Mohammed M. AlHarbi, 1983. ix, 61 leaves ; 29 cm

Thesis (M.Sc.) - Purdue University, 1983. - Also available microfiche no. 2262. - Bibliography: l. 53-61.

1.Rats as laboratory animals.  
2.Diabetes - Complications. 3. Insulin - Therapeutic use. 4. مرض السكري. I. Title

04157

616.462

D 685 Dakheel, Thomadher Mohammed

1992 Analysis of temporal variation in insulin-dependent diabetes mellitus incidence in allegheny county, 1965-89/ by Thomadher Mohammed Dokheel, 1992. xiii, 217 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1992. - Bibliography: l. 203-217.

1. Diabetes - Allegheny County (pa.) - History. 2. Endocrine glands - Diseases - Allegheny County (pa.). 3. مرض السكري. I. Title

04158

616.462

D 54 Diabetes Educators Course (4th: 1997 /

1997 1417 : King Abdulaziz University Hospital)

Fourth diabetes Educators Course : 15 Shawwal - 11 Dhulqadda 1417 (22 February - 20 March 1997) main auditorium, 4th floor, new building, King Abdulaziz University Hospital/ King Abdulaziz University Hospital.- Riyadh : King Saud University, 1417 H, 1997..

49 p. ; 24 cm.

1.Diabetes - Curricula. 2. Diabetes - Study and teaching. I. King Saud University Hospital Diabetes Center, corp. II. Title

04159

616.462

Z 13 Zafar, Tariq A.

1993 The effect of three different doses of the three sulphonylurea drugs on the neutrophil aldose reductase activity in vitro : Tariq A. Zafar/ by Tariq A. Zafar, 1993. 69 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Sheffield, 1993. - Bibliography: l. 62-69.

1. Diabetes - Complications. 2. Diabetics. I. Title

04160

616.46207561

H 336 Al-Hazaa, Adel A.H.

- 1993 Plasma concentration of Ascorbic acid and dehydroascorbic acid in diabetes mellitus and intensive care unit patients: project report/ Adel A.H. Al-Hazaa, 1993. v, 37 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Leeds, 1993. - Bibliography: l. 36-37.

1. Diabetes - Complications - Diagnosis. 2. Intensive nursing. 3. Blood plasma - Diagnosis. 4. Vitamin C - Physiological effect I. Title

**04161**

616.47

H 339 Hazzaa, Hazzaa Muhammad

- 1985 An Investigation of aerobic and anaerobic metabolism in insulin-dependent diabetics above and below anaerobic threshold/ by Hazzaa Mohammad Hazzaa, 1985. xi, 159 p. : ill. ; 28 cm.

Thesis (Ph.D.) - University of California, 1985.

1. Medicine. 2. Physiology. 3. Diabetes. 4. مرض السكري. I. Title

**04162**

616.5

Z 13 Zahid, Nabil M. K.

- 1981 Case book in dermatology/ Nabil M.K. Zahid, 1981. 144 leaves ; 30 cm.

Thesis (M.Sc.) - University of Glasgow, 1987. - Includes bibliographical references.

1. Dermatology. 2. Skin - Diseases. I. Title

**04163**

616.5061

Z 13 Zahid, Nabil M. K.

- 1987 Effect of actidione on clinical isolates of *Aspergillus fumigatus* and dermatophytes/ by Nabil M.K. Zahid, 1987. ca. 9 leaves : ill. ; 31 cm.

Thesis (M. Sc.) - University of Glasgow, 1987. - Includes bibliographical references.

1. Skin - Diseases. 2. Dermophytes. 3. Dermatology. 4. *Aspergillus*. I. Title

**04164**

616.52601

M 371 Al-Masaud, Abdulaziz Saad

- 1994 Heat shock protein expression in normal human keratinocytes subjected to Anti-Psoriatic agents/ by Abdulaziz Saad Al-Masaud, 1994. xv, 205 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Leeds, 1994. - Bibliography: l. 173-205.

1. Psoriasis. 2. Skin - Diseases. I. Title

**04165**

616.544

M 289 Makky, Khadijah I.

- 1994 Effects of isotretinoin and minocycline on inflammatory mediators produced by normal human keratinocytes/ Khadijah I. Makky, 1994. vii, 51 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Northeastern University, Boston, Mass, 1994. - Also available microfiche no. 3589. - Bibliography: l. 36-39.

1. Keratinocytes. 2. Skin - Differentiation. I. Title

**04166**

616.6

M 473 Abu Melha, Mohammed

- 1980 Langzeituntersuchung nach supravasikaler Harnableitung durch ileal conduit/ von Mohammed Abomeiha, 1980. 51 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Ruhr-Universität zu Bochum, 1980. - Bibliography: l. 44-51.

1. Urinary organs - Diseases. 2. Urology. I. Title

**04167**

616.6

A 51 Al-Ahmadi, Saeed S.R.

1993 Developmental studies on malpighian tubule structure and function in Spodoptera Littorahs/ by Saeed S.R. Al-Ahmadi, 1993.

vi, 133, [19] leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Durham, 1993. - Bibliography: l. 111-133.

1. Genitourinary organs - Diseases.
2. Viruses. 3. Urinary organs - Diseases.
4. أمراض الجهاز البولي - I. Title

04168

616.6107566

R 129 Raheem Al Din, Sawzan Abdulaziz

1994 New biochemical markers for early detection of renal injuries and other diseases/ by Sawzan Abdulaziz Rahim Aldin, 1414 H, 1994.

xii, 149, 6 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1994. - Bibliography: l. 114-127.

1. Kidneys - Diseases - Diagnosis.
2. Urine - Analysis. I. Title

04169

616.612

K 146 Karkar, Ayman Mamdouh

1994 Regulation of glomerular injury in experimental nephritis by cytokines/ by Ayman Mamdouh Karkar, 1994.

285 leaves : col.ill. ; 29 cm.

Thesis (Ph.D.) - University of London, 1994. - Bibliography: l. 236-283.

1. Glomerulonephritis - Treatment.
2. Kidney glomerulus - Diseases - Treatment.
3. Glomerulonephritis - Cytodiagnosis.
4. Kidneys - Diseases. I. Title

04170

616.614

S 68 Symposium on end stage renal disease and renal transplantation (1988: Riyadh)

End stage renal disease and renal transplantation: abstracts = ندوة أمراض / زراعة الكلى: ملخصات  
The Joint Board for Postgraduate Medical Education;

Department of Medical Studies, Riyadh Armed Forces Hospital. - Riyadh : The Joint Board for Postgraduate Medical Education, 1988.

39 p. ; 28 cm.

1. Kidneys - Transplantation - Congresses.
2. Kidneys - Diseases - Congresses.
3. الفشل الكلوي - مؤتمرات.
- I. The Joint Board for Postgraduate Medical Education, comp. II. Riyadh Armed Forces Hospital. Department of Medical Studies, comp. III. Title IV. Title: ندوة أمراض وزراعة الكلى: ملخصات

04171

616.6140709531

Ib 7 Ibrahim, Mohammad Abdulbari

1986 A study of end-stage renal disease in the Kingdom of Saudi Arabia/ by Mohammad Abdulbari Ibrahim, 1986.

xi, 168 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Tulane University, 1986. - Also available microfiche no. 757. - Bibliography: l. 131-136.

1. Chronic renal failure - Saudi Arabia.
2. Kidneys - Diseases - Saudi Arabia.
3. السعودية - أمراض - الكلى. I. Title

04172

616.62063

H 182 Hammad, Lina Fahmi

1993 The acoustical properties of lesions generated in-vitro by an ultrasound therapy system/ by Lina Fahmi Hammad, 1993.

56 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Surrey, 1993. - Bibliography: l. 52-56.

1. Liver metastasis.
2. Ultrasonics in medicine.
3. Ultrasonic waves - Therapeutic use.
4. Ultrasonic imaging.
5. Metastasis. I. Title

04173

616.68

M 369 Marzouki, Zohair M.H.

1983 The effect of hypophysectomy and testosterone treatment on the composition and metabolism of testicular lipid/ by Zohair M.H. Marzouki, 1983.

- x, 150 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Vanderbilt University, 1983. - Also available microfiche no. 505. - Bibliography: l. 135-150.  
1. Testis - Diseases. 2. Lipids. 3. Testis - Metabolism. 4. Sexual disorders. 5. Biochemistry. 6. الخصية - أمراض. I. Title  
**04174**
- 616.71014  
J 69 Al-Jonaidel, Omar S.  
1994 The effect of growth conditions on the activity of surface-associated material (SAM) from staphylococcus aureus : stimulation of osteoclast-like cells generation/ by Omar S. Aljonaidel, 1994.  
95 leaves : ill. ; 31 cm.  
Thesis (M.Sc.) - University of London, 1994. - Bibliography: l. 70-95.  
1. Staphylococcus aureus. 2. Bones - Diseases. 3. Osteoclasts. 4. Bone marrow - Diseases. 5. Bacterial diseases. I. Title  
**04175**
- 616.7160757  
J 28 Al-Jarallah, Mohammed Ibrahim  
1976 Evaluation and development of an in-vivo bone densitometer/ by Mohammed Ibrahim Al-Jarallah, 1976.  
xi, 153 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Aston in Birmingham, 1976. - Bibliography: l. 148-153.  
1. Bone densitometry. 2. Bones - Radiography. I. Title  
**04176**
- 616.72  
T 644 Al-Tounisi, Rachid  
1994 Gonarthrose Femoro - Tibiale : description et evolution radiologique/ Rachid Al-Tounisi, 1994.  
94 leaves : ill. ; 30 cm.  
Thesis (Diplome Inter-Universitaire de Specialite (DIS) - University Rene Descartes, 1994. - Bibliography: l. 87-94.  
1. Joints - Diseases. I. Title  
**04177**
- 616.7227  
A 47 Askari, Ayman  
1986 The interaction of rheumatoid lymphocytes with cultured endothelium/ Ayman Askari, 1986.  
83 leaves : ill. ; 32 cm.  
Thesis (M.Sc.) - University of London, 1986. - Bibliography: l. 75-83.  
1. Rheumatoid arthritis. I. Title  
**04178**
- 616.833  
H 371 Hemdi, Talal F.  
1981 Syntheses of 3-Phenylpyrrolidines as potential anti-Parkinsonian agents/ by Talal F. Hemdi, 1981.  
vi, 34 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Toledo, 1981. - Also available microfiche no. 940. - Bibliography: l. 32-34.  
1. Parkinsonism - Chemotherapy. 2. Antiparkinsonian agents. 3. Central nervous system depressants. I. Title  
**04179**
- 616.838  
J 329 Al-Jawayed, Ibrahim A.  
1993 Examination of distribution and stability of tone in patients with hemiplegia as indicated by the motoneuron response assessment/ by Ibrahim A. Al-Jawayed, 1993.  
24 leaves ; 29 cm.  
Course: U 97-518- final report - Washington University, 1993. - Also available microfiche no. 3234. - Bibliography: l. 24.  
1. Hemiplegics. 2. Paralytics. 3. Motor neurons. 4. الجهاز العصبي - أمراض. I. Title  
**04180**
- 616.852  
G 259 Gazzaz, Jamal Asad A.  
1987 An investigation into coping attributes of neurotic patients with special reference to cognitive processes/ by Jamal Asad A. Gazzaz, 1987.

- 2 v. (xvii, 648 leaves) : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Manchester, 1987. - Bibliography: l. 442-475.  
1. Neuroses. 2. Neurotics. 3. Mental illness. 4. Depression, mental. 5. Self analysis (Psychoanalysis). I. Title  
**04181**
- 616.858  
A 75 Aboabah, Saleh A.  
1990 Understanding personality disorders : a structural approach/ by Saleh A. Aboabah, 1990.  
x, 241 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Kent State University, 1990. - Bibliography: l. 227-241.  
1. Personality disorders. 2. Psychometrics. 3. Psychometry (Parapsychology). I. Title  
**04182**
- 616.864706  
T 32 Thabit, Mohammed Jaffar  
1993 Cocaine tolerance in behavioural tasks/ by Mohammed Jaffar Thabit, 1993.  
iii, 340 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Liverpool, 1993. - Bibliography: l. 307-340.  
1. Cocaine habit - Chemotherapy. 2. Drug tolerance. 3. الكوكايين. I. Title  
**04183**
- 616.8900711  
K 587 King Saud University . College of [199-] Medicine. Division of Psychiatry  
Fellowship programme in Psychiatry/ Division of Psychiatry. College of Medicine, King Saud University.- Riyadh: King Saud University, [199-].  
16 p. ; 23 cm.  
1. Psychiatry - Study and teaching (Higher) - Saudi Arabia. I. Title  
**04184**
- 616.89165609531  
Y 14 Al-Yamy, Awad M. S.  
1995 The effect of graphic reenactment art therapy on three hospitalized psychiatric patients in Saudi Arabia/ Awad M.S. AlYamy, 1995.  
viii, 327 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Pennsylvania State University, 1995. - Also available microfiche no. 3603. - Bibliography: l. 191-199.  
1. Art therapy - Saudi Arabia. 2. الأمراض العقلية - علاج - السعودية. I. Title  
**04185**
- 616.8982  
E 93 Al-Eithan, Muwafak  
1994 Memory impairments in Schizophrenia: implications for pathogenesis : a thesis/ Muwafak Al-Eithan, 1994.  
306 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - University of Manchester, 1994. - Bibliography: l. 284-295.  
1. Schizophrenia - Pathogenesis. 2. Psychoses. 3. Psychiatry. I. Title  
**04186**
- 616.9362009531  
S 85 Saudi Arabia. Ministry of Health  
1984 Malaria control programme in the Kingdom, 1983/ Ministry of Health.- [Riyadh] : Ministry of Health, Assistant Deputy for Preventive Medicine, 1984.  
144 p. : ill. (some col.), maps, ports. ; 24 cm.  
1. Malaria - Saudi Arabia - Control. 2. الملاريا - السعودية. I. Title  
**04187**
- 616.9364009531  
M 468 Medical Symposium on Leishmaniasis  
1980 (1980 : Dammam)  
Medical symposium on Leishmaniasis : March 22-24, 1980/ Sponsored by Ministry of Health, College of Medicine and Medical Sciences.- Dammam : Ministry of Health, 1980.  
201 p. : col. ill., maps ; 25 cm.  
1. Leishmaniasis - Saudi Arabia - Congresses. I. King Faisal University. College of Medicine and Medical Sciences, corp. II. Saudi Arabia. Ministry of Health, corp. III. Title  
**04188**

616.936407

T 614 Tonkal, Abdulkader Mohamed Dawd  
1993 Jamby

Histopathology of the inflammatory response in experimental cutaneous leishmaniasis/ by Abdulkader Mohamed Dawd Jamby Tonkal, 1993.

333 leaves : ill., col. ; 31 cm.

Thesis (Ph.D.) - University of London, 1993. - Bibliography: l. 291-333.

1. Leishmaniasis, Cut. Diseases. 2. الليشمانياس. I. Title

04189

616.963061

Z 14 Al-Zamel, Faten A.

1989 A Nonliving vaccine against "Schistosoma Mansoni"/ by Faten A. Al-Zamel, 1989.

xii, 125 leaves ; 29 cm.

Thesis (Ph.D.) - George Washington University, 1989. - Also available microfiche no. 2538. - Bibliography: l. 112-125.

1. Schisto somiasis. 2. Schistosoma mansoni. 3. Parasite vaccines. 4. Immune response. 5. الأمراض الطفيلية. I. Title

04190

616.978

Q 62 Al-Qurashi, Naif A.

1993 Cell mediated immunity in experimental autoimmune glomerulonephritis/ by Naif A. Al-Qurashi, 1993.

87 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of London, 1993. - Bibliography: l. 74-87.

1. Autoimmune diseases. 2. Autoimmunity. I. Title

04191

616 9792

A 75 AIDS : abstracts : symposium 2nd International Conference on AIDS - Saudi Arabia, 28-30 November 1994/25-27 Jumada Al-Thani 1415 .- Riyadh: King Faisal Specialist Hospital and Research Centre, 1994 .

ca. 61 leaves ; 28 cm.

Includes bibliographical references.

1. AIDS (Disease) - Abstracts - Congresses. I. King Faisal Specialist Hospital and Research Centre. Academic Affairs and Postgraduate Education II. World Health Organization, corp.

04192

616.9890509531

T 21 Tayeb, Osama Sadik

1989 A Study into the prevention and management of heat stroke دراسة في العلاج والوقاية من ضربات الحرارة Osama Sadik Tayeb, Sami Marzouki, Zohair Marzouki.- Riyadh : King Abdul Aziz City for Science and Technology, 1989.

77 p. : ill. ; 24 cm. - (General Directorate of Research Grants Program. King Abdul Aziz City for Science and Technology ; no. 34).

1. Heatstroke - Saudi Arabia. 2. Tropical medicine - Saudi Arabia. 3. Medicine, Preventive - Saudi Arabia. 4. الأمراض - وقاية - دراسة. I. Marzouki, Sami. II. Marzouki, Zohair M. H., j.a. III. Title IV. Title. 5. دراسة في العلاج والوقاية من ضربات الحرارة. IV. Series

04193

616.992

K 526 Abu-Khabar, Khalid Saad

1993 Cytotoxin (Tumor necrosis factor-a and lymphotoxin) : antiviral and cytotoxic action, production by human peripheral blood mononuclear cells and TumorT cell lines, and modulation by interferons/ by Khalid Saad Abu-Khabar, 1993.

xv, 230 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1993. - Also available microfiche no. 3217. - Bibliography: l. 205-230.

1. Tumors - Growth. 2. Cytoplasm. 3. السرطان. I. Title

04194

616.992840642

S 85 Saud, Al-Jehyani

1992 Ophthalmic applicators for the treatment of some of the malignant and non-malignant lesions of the eye/ Al-Jehyani Saud, 1992.

- 78 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of  
Surray, 1992. - Bibliography: l. 76-78.  
1. Eye - Cancer - Radiotherapy. 2. العين - سرطان  
I. Title
- 04195**
- 616.994  
H 41 **Hepatocellular carcinoma/ Osama**  
1988 Shobokshi ... [et al.] - Riyadh : King  
Abdul Aziz City for Science and  
Technology, 1988.  
47 p. : col., ill. ; 24 cm. - (Directorate  
of Scientific Research, King Abdul Aziz  
City for Science and Technology ; no. 16).  
Bibliography: p. 45-47.  
1. Cancer. 2. Cancer - Genetic aspects.  
3. Cancer - Saudi Arabia - Genetic aspects.  
4. السرطان - السعودية. 5. الكبد - سرطان. I.  
Shobokshi, Osama, auth. II. Series
- 04196**
- 616.994  
Z 13 **Zahran, M. Fouad**  
1981 Surgery of advanced cancer of head and  
neck/ F.M. Zahran, A.M.R. Jamjoom, M.D.  
Eed.- 1st ed.- Jeddah : Tihama, 1981.  
133 p.: ill. ; 24 cm. - (The University  
book).  
1. Cancer - Surgery. 2. Head - Surgery.  
3. سرطان - جراح. I. Jamjoom, A.M.R., j.a. II.  
Eed, M.D., j.a. III. Title IV. Series
- 04197**
- 616.994061  
Ob 1 **Al-Obeid, Abdulrahman M.**  
1987 Synthesis of benzazepine-2,5 -diones as  
potential target-specific antineoplastic  
agents/ by Abdulrahman M. Al-Obeid, 1987.  
xi, 90 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Georgia,  
1987. - Also available microfiche no. 228. -  
Bibliography: l. 94-98.  
1. Antineoplastic agents. 2. Cancer -  
Chemotherapy. 3. علاج - السرطان. I. Title
- 04198**
- 616.994061  
Od 2 **Odhah, Mastour Saffer**  
1986 Cisplatin - pharmacokinetic and  
biochemical studies in cancer patients/ by  
Mastour Saffer Odhah, 1986.  
x, 364 leaves : ill. ; 30 cm.  
Thesis (Ph. D.) - University of  
Wales, 1986. - Bibliography: l. 332-364.  
1. Cisplatin. 2. Pharmacokinetics. 3. Cancer  
- Chemotherapy. I. Title
- 04199**
- 616.99419  
Q 65 **Qusti, Safa'a Yousif**  
1993 Study of some enzyme markers in acute  
and chronic leukaemia/ by Safa'a Yousif  
Qusti, 1413 H, 1993.  
xvii, 144, 12 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - King Abdulaziz  
University, 1993. - Also abstract in  
Arabic. - Bibliography: l. 119-144.  
1. Leukemia. 2. Enzymes. 3. Cancer  
cells. 4. الدم - سرطان. I. Title
- 04200**
- 616.99424  
G 341 **Al-Ghamdi, Abdullah Ahmed**  
1993 Role of human papillomavirus in  
cutaneous neoplasia and lung cancer in  
butchers/ by Abdullah Ahmed Al-Ghamdi,  
1993.  
xii, 233 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Bristol,  
1993. - Bibliography: l. 196-233.  
1. Lungs - Cancer. 2. Papillomavirus  
diseases. 3. الرئتان - سرطان. I. Title
- 04201**
- 616.99424  
K 625 **Kinsara, Abdurhaheem Abdulrahman**  
1991 Deposition of the radon daughter PO-  
218 in a lung bifurcation model/ by  
Abdurhaheem Abdulrahman Kinsara, 1991.  
xii, 171 leaves ; 28 cm.  
Thesis (Ph.D.) - University of Missouri-  
Columbia, 1991. - Bibliography: l. 159-170.  
1. Lungs - Cancer. 2. Air - Pollution.  
3. Pollution. 4. الرئتان - سرطان. I. Title
- 04202**

616.99449

N 145 Najjar, Tawfeeg Ali

1986 Pharmacokinetic and biochemical studies with Medroxyprogesterone acetate in advanced breast cancer patients/ Tawfeeg Ali Najjar, 1986 .

vi, 275 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Wales, 1986. - Bibliography: l. 244-275.

1. Breast - Cancer. I. Title

04203

616.99449

S 96 Sawan, Ali Sadek

1993 Tumour suppressor and anti-metastatic gene expression in human breast cancer : an immunohistochemical study/ Ali Sadek Sawan, 1993.

xiv, 267, 19 leaves : ill., (Some col.) ; 30 cm.

Thesis (Ph.D.) - University of Newcastle upon Tyne, 1993. - Bibliography: l. 15-19 at end of the thesis.

1. Breast- Cancer. 2. Tumors. 3. Gene expression. 4. Oncogenes. I. Title

04204

616.994490654

A 16 Abalkhail, Bahaa Abdulrahman

1992 The influence of diet on estrogen receptor status in black and white breast Cancer patients/ by Bahaa Abdulrahman Abalkhail, 1992.

xi, 124 leaves ; 28 cm.

Thesis (Ph.D.) - Tulane University, 1992. - Bibliography: l. 109-123.

1. Breast - Cancer - Diet therapy. 2. Breast - Tumors - Diet therapy. 3. - ابيض - افراس. I. Title

04205

616.99449075

G 189 Al-Garny, Hassan Abdallah

1992 Cancer micro-invasif du sein en phase inflammatoire aigue : une nouvelle entite anatomo-clinique/ par Hassan Abdallah Al- Garny, 1992.

[39 leaves] : ill. ; 30 cm.

Thesis (Diplome interuniversitaire de Gynecologie et Obstetrique). Universite Joseph Fourier, 1992.

1. Breast - Cancer. 2. Breast- Diseases - Diagnosis. I. Title

04206

616.99449075

S 41 Al-Shehri, Mohamed

[1991] Grossesse apres cancer du sein chez la femme jeune : sarcome radio-induit ; a propos d'un cas/ Al Shehri Mohamed, [1991].

23 leaves ; 30 cm.

Thesis (...) - University of Claude Bernard, [1991]. - Bibliography: l. 18-23.

1. Breast - Cancer - Diagnosis - Case studies. 2. Pregnancy - Complications - Case studies. T. Title

04207

616.994490973

M 289 Makki, Suhair Mohammed

1993 Breast cancer in Saudi Arabia/ by Suhair Mohammed Makki, 1993.

ix, 48 p. : ill. ; 31 cm.

Thesis (M.Sc.) - University of Wales, 1993. - Bibliography: l. 41-48.

1. Breast - Cancer - Saudi Arabia. I. Title

04208

616.994770631

W 53 Al-Weteid, Abdulaziz S. A.

1994 Fluorescence microscopic distribution of amino laeulinic acid in basal cell carcinoma of the skin of the head and neck region/ by Abdulaziz S.A. Alweteid, 1994.

73 leaves : ill (Some col.) ; 31 cm.

Thesis (M.Sc.) - University of London, 1994. - Bibliography: l. 66-72.

1. Skin - Cancer - Photochemotherapy. 2. Cancer cells - Photochemotherapy. 3. Head - Cancer - Photochemotherapy. 4. Neck - Cancer - Photochemotherapy. 5. Basal cell carcinoma - Photochemotherapy. I. Title

04209



616 9950750953111

B 865 Bugis, Fakhry Ageil

1992 Organisation and diagnosis of tuberculosis : bacteriology in Armed Forces Hospital in Riyadh, Saudi Arabia/ by Fakhry Ageil Bugis, 1992.

87 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of London, 1992. - Bibliography: l. 82-87.

1. Tuberculosis - Diagnosis - Riyadh.
2. Tuberculosis - Microbiology - Riyadh.
3. Tuberculosis - Diagnosis - Saudi Arabia.
4. البزل - الرياض. I. Title

04210

617.026

S 68 Symposium of Multiple Trauma in Road

1987 Traffic Accidents (1987: Riyadh)

Abstracts symposium on multiple trauma in road accidents, Sunday and Monday 1-2 Rabi Al Thani 1408 (22-23 November 1987) = ملخصات ندوة عن الاصابات المتعددة في حوادث الطرق / The Joint Board for Postgraduate Medical Education.- [Riyadh] : The Postgraduate Centre, 1987.

ca. 70 leaves ; 27 cm.

1. Wounds and injuries - Surgery.
2. Traffic accidents. 3. Traumatology - Surgery. 4. حوادث المرور. I. Title II. Title: ملخصات ندوة عن الاصابات المتعددة في حوادث الطرق

04211

617.075

K 56 Al-Khuwaitir, Med. S. A.

1995 Physical signs in surgical diseases/ Med. S. A. Al-Khuwaitir.- [Riyadh] : Dar al-Ulum, 1995.

190, 125 p. : ill., photos ; 22 cm.

Text in English and Arabic. - Cover title: Al-mishrat Walibrah.

1. Diagnosis, surgical. 2. Surgery - Complications. I. Title II. Title: Al-mishrat Walibrah

04212

617.15

B 144 Badr, Abdulhalim Abdulaziz

1986 Fractures and dislocations/ Abdulhalim Abdulaziz Badr, Maas Abd El-Kader Shaheen.- Riyadh : King Saud University Libraries, 1407 H, 1986.

ix, 235 p. : ill. ; 24 cm.

Bibliography: p. 232. - Includes index.

1. Fractures. 2. Dislocations. 3. العظام - كسر I. Shaheen, Maas Abd El-Kader, j.a. II. Title

04213

617.15095315

G 187 Al-Garni, Bishi A.

1993 A retrospective study of 124 patients with manubrial fractures at Assir Central Hospital/ Bishi A. Al-Garni, 1993.

86 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Manufacture, 1993. - Bibliography: l. 80-86.

1. Assir Central Hospital - Case studies. 2. Fractures - Treatment - Saudi Arabia - Case studies. 3. العظام - كسر - تشخيص - السعودية. I. Title

04214

617.156

H 124 Haidar, Zohair

1987 Trauma of the facial skeleton/ Zohair Haidar.- Riyadh : King Saud University Libraries, 1987.

xiii, 111 p. : col. ill. ; 23 cm.

Bibliography: p. 107. - Includes index.

1. Traumatology. 2. Facial bones - Fractures. 3. الوجه - جراحة. I. Title

04215

617.21

M 278 Mahmoud, Mohammad S.W.

1993 Effects of trauma-hemorrhagic shock on hepatocellular signal transduction mechanism and properties of enzymes concerned with glucose metabolism : beneficial effects of ATP-MgCl<sub>2</sub> treatment/ by Mohammad S.W. Mahmoud, 1993.

x, 168 leaves : ill. ; 28 cm.

- Thesis (Ph.D.) - Michigan State University, 1993. - Also available microfiche no. 3400. - Bibliography: l. 146-68.
1. Traumatic shock. 2. Hemorrhagic shock. 3. الجروح. I. Title
- 04216**
- 617.481  
M 867 Moutaery, Khalaf  
1984 Die solitare hirmmetastase ergebnisse neurochirurgischer behandlung/ vorgelegt von Khalaf Moutaery, 1984.  
21 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - Medizinischen Hochschule Hannover, 1984. - Bibliography: l. 30-36.
  1. Brain - Surgery. 2. Brain - Tumors. 3. Metastasis. 4. Nervous system - Surgery. I. Title

**04217**

617.51  
S 65 Seraj, Amin A.  
1981 Diseases of ear, nose and throat/ by Amin A. Seraj, Seraj M. Zakzouk.- 1st ed.- Jeddah : Tihama, 1981.  
[5], 193 p. : ill., plates (some col.) ; 25 cm.- ( University book ; v. 14).  
Bibliography: p. 193.
  1. Ear - Diseases. 2. Nose - Diseases. 3. Throat - Diseases. 4. الأذن - امراض. I. Zakzouk, Seraj M., j.a. II. Title III. Series

**04218**

617.522059  
A 14 Al-Atal, Abdullah I. A.  
1993 Electromyographic study of facial muscles activity after orthognathic surgery/ by Abdullah I.A. Al-Atal, 1993.  
106 leaves : ill. (Some col.) ; 31 cm.  
Thesis (M.Sc.) - University of London, 1993. - Bibliography: l. 97-105.
  1. Face - Surgery. 2. Dentistry. 3. Face - Muscles. 4. Electromyography. 5. Mouth - Surgery. I. Title

**04219**

617.5220757  
B 199 Balkhi, Khalik M.  
1990 An electromyographic study of the anterior temporalis and masseter muscles in asymptomatic TMJ subjects/ by Khalid M. Balkhi, 1990.  
xx, 133 leaves : ill, tables ; 28 cm.  
Thesis (M.Sc.) - University of Rochester, 1990. - Also available microfiche no. 2665. - Bibliography: l. 125-133.
  1. Electromyography. 2. Masseter muscle. 3. Incisors. 4. Oral medicine. 5. الفم - جراحة. I. Tide

**04220**

617.5420592  
D 741 Al-Dossari, Ghannam Ayed  
1993 Experimental large animal model of obliterative bronchiolitis after lung transplantation/ by Ghannam Ayed Al-Dossari, 1993.  
x, 46 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Minnesota, 1993. - Also available microfiche no. 3419. - Bibliography: l. 24-29.
  1. Lungs - Transplantation. 2. Lungs - Diseases. I. Tide

**04221**

617.5545  
S 51 Al-Suliemani, Saleh  
1977 Appendicitis : diagnose, operation, letalita/ von Saleh Al-Suliemani, 1977.  
42 leaves : ill. ; 21 cm.  
Thesis (Ph.D.) - University of Hohen, Medizimischen Fakultat der Rheinischen Fridrich - Wilhelms-Universitat, zu Bonn, 1977. - Bibliography: l. 41-42.
  1. Appendicitis. 3. Appendix (Anatomy) - Surgery. I. Tide

**04222**

617.557  
K 124 Al-Kalay, Mohammed Ahmed  
1984 Hybrid artificial pancreas: theoretical and experimental design considerations/ Mohammed Ahmed El-Kalay, 1984.

- 2 v. : ill. ; 31 cm.  
Thesis (Ph.D.) - University of  
Strathclyde, 1984. - Bibliography: l. 487-512.  
1. Pancreas - Surgery. 2. Implants,  
Artificial. I. Title
- 04223**
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G 341 Al-Ghamdi, Mohammad AlKhazim  
1995 Coactivation pattern of quadriceps and  
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Mohammad Alkhazim Alghamdi, 1995.  
x, 85 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of  
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cruciate ligament. 4. Cruciate ligaments.  
I. Title
- 04224**
- 617.582  
T 84 Al-Turaiki, Mohammad H. S.  
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of human knee joint instability in vivo/  
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1. Orthopedics. 2. Human mechanics.  
3. Knee - Wounds and injuries. I. Title
- 04225**
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T 84 Al-Turaiki, Mohammad H. S.  
1986 The human knee: functional anatomy,  
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Bibliography: p. 148-157.  
1. Knee - Surgery. 2. Knee - Wounds  
and injuries. 3. Orthopedics - Diagnosis.  
4. الركبة - جراحة. I. Title
- 04226**
- 617.601  
D 74 Al-Dosari, Abdullah M.  
1990 The Chemopreventive action of  
benzylisothiocyanate and 13-cis-retinoic  
acid on the genotoxic effects of benzo (a)  
pyrene/ Abdullah M. AlDosari, 1990.  
xii, 123 leaves : ill. ; 28 cm.  
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1. Preventive dentistry. I. Title
- 04227**
- 617.602309531  
K 526 Al-Khadra, Basil Hussein  
1987 Dental manpower forecast for Saudi  
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52, [48] leaves ; 29 cm.  
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1. Dental personnel - Saudi Arabia .  
2. طب الأسنان - السعودية. I. Title
- 04228**
- 617.605  
B 245 Al-Barkhil, Abdullah Rashid  
1995 The color properties of glass ionomers  
after surface coating/ by Abdullah Rashid  
Al-Barkhil, 1995.  
ix, 106 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of  
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1. Dentistry, Operative. 2. Dentistry.  
I. Title
- 04229**
- 617.607  
K 587 King Saud University . College of  
[199-] dentistry. Research Center  
Diagnosis and management of oral  
lesions for the general practitioner/ presented  
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Community Service Center, [199-].

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1. Mouth - Diseases - Diagnosis. 2. Teeth - Diseases - Diagnosis. 3. الفم - أمراض - التشخيص. I. Title  
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**04230**
- 617.60757  
S 17 Al-Shamrani, Saleh Madash  
1989 The effect of image sharpness on the diagnostic value of intra-oral radiographs in the initial evaluation of a dental clinic population/ by Saleh Madash Al-Shamrani, 1989.  
vi, 68 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Alabama, 1989. - Also available microfiche no. 2550. - Bibliography: l. 64-68.  
1. Dentistry - Radiography. 2. Teeth - Radiography. 3. Teeth - Diseases - Diagnosis. I. Title  
**04231**
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R 85 Al-Ruhaimi, Khalid A.  
[1986] Prevention of hepatitis B virus (HBV) infection in dentistry/ Khalid A. Al-Ruhaimi, [1986].  
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1. Hepatitis B virus. 2. Teeth - Diseases. I. Title  
**04232**
- 617.632  
B 148 Al-Bahrani, Mohammed Hussian  
1994 The effect of tobacco tars on osteoblast metabolism and on the growth of porphyromonas gingivalis; the implications for alveolitis sicca dolorosa/ by Mohammed Hussain Al-Bahrani, 1994.  
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Thesis (M.Sc.) - Eastman Dental Institute, University College Hospital and University of London, 1994. - Bibliography: l. 79-93.  
1. Alveolar process - Diseases. 2. Teeth - Diseases. 3. Teeth - Effects of tobacco tar on. 4. Porphyromonas gingivalis. I. Title  
**04233**
- 617.632061  
M 88 Al-Mubarak, Sultan Bin A.  
1994 Clinical evaluation of scaling : metronidazole 25% and combination therapy/ by Sultan bin A. Al-Mubarak, 1994  
58, [39] leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of Aarhus, 1994. - Bibliography: l. 38-58.  
1. Periodontics. 2. Dental pharmacology. 3. Dental scaling. I. Title  
**04234**
- 617.63209531  
J 314 Al-Jasser, Nasser M.  
1993 Malocclusion and periodontal health in young adult Saudi males/ by Nasser N. Al-Jasser, 1993.  
64 leaves : ill. ; 30 cm.  
Thesis (M.D.S.) - University of Bergen, 1993. - Bibliography: l. 48-56.  
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2. Malocclusion - Treatment - Saudi Arabia.  
3. Orthodontics, Preventive - Saudi Arabia.  
4. Dentistry - Saudi Arabia. 5. طب الأسنان - الفموية. I. Title  
**04235**
- 617.634  
N 141 Al-Nahedh, Hend N.A.  
1989 An investigation of the efficacy of smear layer removing agents : a scanning electron microscopy study/ by Hend N. A. Al-Nahedh, 1989.  
67 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Indiana University, 1989. - Also available microfiche no. 2551. - Bibliography: l. 60-67.  
1. Dentin. 2. Dental pulp. 3. الأسنان. I. Title  
**04236**

617.6342

D 649 Al-Dlaigan, Yousef H.

1994 Histological comparison of a tri-cured glass ionomer, formocresol and calcium hydroxide on pulpotomy procedures/ by Yousef H. al-Dlaigan, 1994.

xvi, 115 leaves : ill. (Some col.) ; 29 cm.

Thesis (M.Sc.) - University of Alabama, 1994. - Bibliography: l. 105-115.

1. Dental pulp. 2. Dentistry. 3. Dentistry, Operative. 4. Dental resins. I. Title

**04237**

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M 288 Al-Majed, Ibrahim M.

1994 Histological evaluation of ultrasonic debridement in comparison with hand instrumentation using two different irrigants in primary molars : in vitro study/ Ibrahim M. AlMajed, 1994.

xii, 84 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Tufts University, 1994. - Also available microfiche no. 3569. - Bibliography: l. 43-50.

1. Root canal therapy. 2. Endodontics. I. Title

**04238**

617.6342

Or 3 Orfali, S. M.

1987 Studies of the characteristics of some endodontic sealer cements/ S.M. Orfali, 1987.

xii, 305, 277 leaves : ill., plates ; 31 cm.

Thesis (M.Sc.) - University of Manchester, 1987. - Bibliography: l. 289-305.

1. Endodontics. 2. Dental cements. 3. Dental materials. I Title

**04239**

617.6342063

Y 1 Yahya, Abdulla Saad

1987 Hand vs. sonic vs. ultrasonic instrumentation . effect on instrumentation time, curvature, and shape of the canal/ by Abdulla Saad Yahya, 1987

vii, 87 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Minnesota, 1987. - Also available microfiche no. 2016. - Bibliography: l. 60-63.

1. Endodontics. 2. Ultrasonics in dentistry. 3. Ultrasonic waves - Therapeutic use. 4. Therapeutics, Dental. 5. طب الأسنان. I. Title

**04240**

617.643

A 19 Al-Abbasi, Hala Kh.

1994 Evaluation of possible effectiveness of neuromuscular mandibular position on the Sternocleidomastoid muscles/ by Hala Kh. Al-Abbasi, 1994.

ix, 65 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Tufts University, 1994. - Also available microfiche no. 3562. - Bibliography: l. 44-56.

1. Orthodontics. 2. Sternocleidomastoid muscle. I. Title

**04241**

617.643

E 78 Al-Emran, Sulaiman

1993 The effect of bodily tooth movement on the teeth and periodontal tissues during and after force application (a qualitative and quantitative study)/ Sulaiman E. Al-Emran, 1993.

xiii, 283, [36] leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1993. - Bibliography: l. 262-283.

1. Orthodontics, Corrective. 2. الاسنان - تقويم - I. Title

**04242**

617.643

H 967 Al-Husseyen, Aljohara Ali

1993 Efficacy of various mouthrinses on plaque and gingivitis in orthodontic patients/ by Aljohara Ali Al-Husseyen, 1993.

viii, 125 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Boston University, 1993. - Bibliography: l. 82-98.

1. Orthodontics, Corrective. 2. Dentistry. 3. Orthodontics, Corrective - Complications. 4. الاسنان - تقويم. I. Title

**04243**

617.643

K 528 Khouri, Suhail Awwad

1988 Orthodontic procedures for general dentists and dental students/ Suhail Awwad Khouri.- Riyadh : Dar al-Ulum, 1988.

207 p. : ill. ; 24 cm.

Includes bibliographies.

1. Dentistry. 2. Teeth. 3. طب الأسنان. I. Title

04244

617.645

M 969 Murshid, Ebtissam Zakaria

1994 The effect of pour-through water filtering devices on the fluoride concentration in drinking water/ Ebtissam Zakaria Murshid, 1994.

vi, 144 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Michigan, 1994. - Also available microfiche no. 3629. - Bibliography: 1. 62-68.

1. Pedodontics. I. Title

04245

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S 95 Al-Suwayed, Abdulaziz bin Mohammed

[198-] Preventive dentistry program for urbanized bedouin children in Saudi Arabia/ by Abdul Aziz bin Mohammed Al-Suwayed, [198-].

52 p. : ill. ; 30 cm.

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1. Pedodontics-Saudi Arabia. 2. Children - Dental care - Saudi Arabia. 3. طب الأسنان - السعودية. I. Title

04246

617.67

S 21 Al-Saif, Khaled Mohammed

1989 Fit of castable glass ceramic onlays : effect of cavity design and number of sprues/ by Khaled Mohammed Al-Saif, 1989.

56 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Indiana University School of Dentistry, 1989. - Also available microfiche no. 2553. - Bibliography: 1. 50-55.

1. Dental cavity preparation. 2. Dental ceramics. 3. Dental caries. 4. الأسنان. I. Title

04247

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H 967 Al-Husseyen, Al-Johara Ali

1995 Caries prevalence in children and mothers living in a Boston Arabic community/ by Aljohara Al-Husseyen, 1995.

x, 135 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Boston University, 1995. - Also available microfiche no. 3661. - Bibliography: 1. 113-121.

1. Dental caries - Boston. 2. Dental caries in children - Boston. I. Title

04248

617.67052

A 32 Abdul-Ghaffar, Hashim

1959 Pretreatment of teeth with sodium fluoride prior to stannous fluoride application in the human/ by Hashim Abdul-Ghaffar, 1959.

49 leaves ; 29 cm.

Thesis (M.Sc.) - Indiana University, 1959. - Also available microfiche no. 829. - Bibliography: 1. 43-48.

1. Preventive dentistry. 2. Dental caries - Prevention. 3. Teeth - Care and hygiene. 4. Water - Fluoridation. 5. الأسنان - وقاية. I. Title

04249

617.675

S 16 Al-Shalhoub, Khalid A.

1993 In vitro wear, moduli of elasticity and rupture of posterior composite resins/ by Khalid A. Al-Shalhoub, 1993.

x, 94 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Alabama at Birmingham, 1993. - Also available microfiche no. 3320. - Bibliography: 1. 88-94.

1. Dental materials. 2. Dentistry. 3. Gums and resins, Synthetic. 4. الأسنان. I. Title

04250

617.69

A 31 Akeel, Riyadh Fadul

- 1994 The dynamic recording of Occlusal forces related to mandibular movement and masseter muscle activity in implant stabilised overdenture wearers/ Riyadh Fadul Akeel, 1994.

267 p. : col.ill. ; 31 cm.

Thesis (Ph.D.) - London Hospital Medical College, 1994. - Bibliography: l. 203-219.

1. Prosthodontics. 2. Overlay dentures. 3. Occlusion (Dentistry). 4. Mastication. 5. Mandibular prosthesis. I. Title

**04251**

617.69

J 111 Al-Jabab, Abed Suliman

- 1987 Bond strength, rate of maturation and stability of eight dental bonding agents/ by Abed Sulaiman Al-Jabab, 1987.

xiv, 117 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Minnesota, 1987. - Bibliography: l. 63-68.

1. Dental bonding. 2. Dental materials. 3. Dentistry. 4. Prosthodontics. 5. الأسنان. I. Title

**04252**

617.69

J 51 Al-Jetally, Samer A.

- 1994 Comparison of three impression techniques for osseointegrated implants/ by Samer A. Al-Jetally, 1994.

iv, 64 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Marquette University, 1994. - Also available microfiche no. 3441. - Bibliography: l. 60-63.

1. Prosthodontics. 2. Dentistry. 3. Implant dentures. I. Title

**04253**

617.69

R 821 Al-Rubaiya, Abdulaziz A.

- 1995 The human soft-tissue facial profile : a comparison between the general public's esthetic concept and orthodontic "norms" and esthetic standards/ Abdulaziz A. Al-Rubaiya, 1995.

ix, 144 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Saint Louis University, 1995. - Also available microfiche no. 3619. - Bibliography: l. 131-143.

1. Orthodontics. 2. Dentistry- Aesthetics. I. Title

**04254**

617.69

S 16 Al-Shalan, Thakib Abdul-Rahman

- 1995 Composite rebonding to stainless steel metal using different bonding agents/ by Thakib Abdul-Rahman al-Shalan, 1995.

v, 62 leaves ; 28 cm.

Thesis (M.Sc.) - University of Minnesota, 1995. - Also available microfiche no. 3696. - Bibliography: l. 52-62.

1. Dental bonding. 2. Dental adhesives. 3. Dental materials. 4. Crowns (Dentistry). 5. Dental caries. I. Title

**04255**

617.69

W 369 Al-Wazzan, Khalid Ali

- 1993 The accuracy of a removable die system in the fabrication of implant frameworks/ by Khalid Ali Alwazzan, 1993.

v, 71 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Marquette University, 1993. - Also available microfiche no. 3230. - Bibliography: l. 68-71.

1. Prosthodontics. 2. Dentistry. 3. Dental technology. 4. الأسنان. I. Title

**04256**

617.69

T 181 Tashkandi, Esam Ahmed

- 1994 Analysis of strain at selected bone sites of a cantilevered implant-supported prosthesis/ by Esam Ahmed Tashkandi, 1994.

vi, 106 leaves : ill. (Some col.) ; 29 cm.

Thesis (M.Sc.) - University of Michigan, 1994. - Bibliography: l. 100-106.

1. Prosthodontics. 2. Prosthesis. 3. Dentistry.

I. Title

**04257**

617.692

A 41 Al-Ali, Tariq E.

- 1994 Effect of luting cement and shoulder porcelain on the fracture resistance of all-ceramic crowns/ by Tariq E. Al-Ali, 1994.  
vi, 85 leaves : ill. (Some col.) ; 29 cm.  
Thesis (M.Sc.) - University of Michigan, 1994. - Bibliography: l. 73-85.  
1. Prosthodontics. 2. Crowns (Dentistry).  
3. Dentures. I. Title

04258

617.692

J 292 Al-Jarrah, Abdulkader A.

- 1995 Crown retention over hybridized dentin/ Abdulkader A. Al-Jarrah, 1995.  
vii, 50 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Alabama at Birmingham, 1995. - Also available microfiche no. 3624. - Bibliography: l. 45-50.  
1. Crowns (Dentistry). 2. Dentin.  
I. Title

04259

617.692

A 11 Asaad, Mohamed S.

- 1984 Finite element analysis of transmitted stresses in a mandibular complete denture and the supporting structures/ by Mohamed S. Asaad, 1984.  
94 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Pittsburgh, 1984. - Also available microfiche no. 1831. - Bibliography: l. 86-92.  
1. Mandibular prosthesis. 2. Prosthodontics. 3. Occlusion (Dentistry). 4. Complete dentures. 5. طب الأسنان. I. Title

04260

617.692

B 147 Bahannan, Salama A.

- 1989 An evaluation of various methods for veneering stainless steel crowns with composite resin/ by Salma A. Bahannan, 1989.

vi, 42 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Alabama, 1989. - Bibliography: l. 39-42.

1. Crowns (Dentistry). 2. Dental materials.  
3. Pedodontics. 4. طب الأسنان - مرحلة 1. I. Title

04261

617.692

M 272 Maghrabi, Abdulhumaid

- 1993 An in-vivo comparison using the T-scan of functional occlusal forces exerted by patients with natural dentition and patients with conventional complete dentures/ Abdulhumaid Maghrabi, 1993.  
xii, 119 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Boston University, 1993. - Bibliography: l. 91-119.  
1. Dentures - Complications. 2. Prosthodontics. 3. Dentistry. I. Title

04262

617.695

H 176 Al-Hamed, Yousef Abdulgader Shibab

- 1994 A comparison of polymerization shrinkage, water sorption and transverse strength of three denture base materials/ by Yousef Abdulgader Shibab Alhamed, 1994.  
vii, 80 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Graduate School of Marquette University, 1994. - Bibliography: l. 75-80.  
1. Dental materials. 2. Polymers in dentistry. 3. Prosthodontics. I. Title

04263

617.695

M 295 Al-Malik, Mansour S.

- 1991 An investigation of the dynamic mechanical properties of dental root form implants/ by Mansour S. Al-Malik, 1991.  
vii, 60 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Alabama at Birmingham, 1991. - Bibliography: l. 58-60.  
1. Dental materials. 2. Dental technology.  
3. Prosthodontics. 4. طب الأسنان - مرحلة 1. I. Title

04264



617.695

N 238 Al-Nazhan, Saad Abdulaziz

1987 Light and electron microscope study of the morphological changes in L 929 cells and human periodontal ligament fibroblasts exposed to a toxic dental material/ Saad Abdulaziz Al-Nazhan, 1987.

vii, 133 leaves : ill. (Some col.) ; 29 cm.

Thesis (M.Sc.) - University of Connecticut, 1987. - Bibliography: l. 125-133.

1. Periodontal ligament - Effect of toxic materials on. 2. Fibroblasts - Effect of toxic materials on. 3. Dental materials - Effect of toxic materials on. I. Title

**04265**

617.695

S 17 Al-Shammery, Abdullah Rakeeb

1984 In vitro: effect of different electrolytic etching times and luting media for two non-precious alloys upon shear bond strengths to human enamel/ by Abdullah Rakeeb AlShammery, 1984.

viii, 104 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Minnesota, 1984. - Also available microfiche no. 1559. - Bibliography: l. 98-104.

1. Electrolytes. 2. Electrolytic corrosion. 3. Dental metallurgy - Corrosion. 4. Dental materials. 5. Dental enamel. 6. الاسنان. I. Title

**04266**

617.695

T 13 Al-Tahawi, M. Hamdi A. Mohammed

1990 Basic dental biomaterials science/ Hamdi A. Mohammed Al-Tahawi.- Riyadh : University Libraries, King Saud University, 1990.

xiv, 234 p. : ill. ; 24 cm.

Includes index.

1. Dental materials. 2. Dentistry. 3. الاسنان - امراض. I. Title

**04267**

617.695

F 179 Fakiha, Zaki Abdulrahman

1987 Evaluation of rapid mixing technique of zinc phosphate cement on a frozen glass slab/ by Zaki Abdulrahman Fakiha, 1987

x, 57 leaves ; 29 cm.

Thesis (M.Sc.) - University of Alabama at Birmingham, 1987. - Also Available microfich no. 657. - Bibliography: l. 30-33.

1. Dental materials. 2. Prosthodontics. 3. الاسنان. I. Title

**04268**

617.695

J 839 Jowharji, Najwa

1991 Acidity of light-cured glass ionomer materials/ by Najwa Jowharji, 1991.

xiii, 76 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Loyola University of Chicago. - Bibliography: l. 48-51.

1. Dental materials. 2. Dental metallurgy. 3. الاسنان. I. Title

**04269**

617.695

S 15 Sadig, Walid Mahamoud

1992 Evaluation of enhancing crown retention using resin cement and silicoating/ by Walid Mahamoud Sadig, 1992.

xi, 124 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Alabama at Birmingham, 1992. - Bibliography: l. 109-121.

1. Dental cements. 2. Dental resins. 3. Dental materials. 4. الاسنان - جراحة. I. Title

**04270**

617.695

S 41 Solaihim, Abdulrahman N.

1994 A comparison of physical properties of dental stone materials containing a chromatic indicator with traditional dental stones/ Abdulrahman N. Solaihim, 1994.

vii, 97 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Indiana University,  
1994. - Also available microfiche no.  
3533. - Bibliography: l. 88-93.

1. Dental materials. 2. Dentistry.
3. Prosthodont. 1. Title

**04271**

617.695

T 143 Talic, Yousef Fouad

1987 Fracture toughness and microhardness  
of visible light-cured and conventional  
denture base materials/ Yousef Fouad Talic,  
1987.

viii, 95 leaves : ill., plates ; 29 cm.

Thesis (M.Sc.) - Ohio State University,  
1987. - Bibliography: l. 89-95.

1. Dental materials. 1. Title

**04272**

617.7

A 78 Annual Symposium on New Developments  
1988 in Ophthalmology (5th : 1988 :  
Riyadh)

New developments in ophthalmology/  
King Khalid Eye Specialist Hospital  
Riyadh, Saudi Arabia; collaboration with  
Department of Ophthalmology, College of  
Medicine, King Saud University. - Riyadh:  
King Khalid Eye Specialist Hospital, 1988.  
192 p. : col. ill. ; 24 cm.

Proceedings of Fifth Symposium on  
New Developments in Ophthalmology. -  
Includes bibliographies.

1. Ophthalmology - Congresses. 2. طب العينون - السعودية - مؤتمرات I. King Khalid Eye Specialist Hospital Riyadh, corp. II. King Saud University. College of medicine. Department of Ophthalmology, corp. III. Title

**04273**

517.7

A 78 Annual Symposium on New Developments  
1987 in Ophthalmology (4th : 1987 :  
Riyadh)

New developments in ophthalmology/  
King Khalid Eye Specialist Hospital,  
Riyadh; in collaboration with Department  
of Ophthalmology, College of Medicine,  
King Saud University. - Riyadh : King  
Khalid Eye Specialist Hospital, 1987.

[1], 244 p. : ill. ; 24 cm.

Proceedings of Fourth Annual  
Symposium on New Developments in  
Ophthalmology. - Includes bibliographies.

1. Ophthalmology - Congresses. 2. طب العينون - السعودية - مؤتمرات I. King Khalid Eye Specialist Hospital, Riyadh, corp. II. King Saud University, College of Medicine. Department of Ophthalmology, corp. III. Title

**04274**

617.7

A 78 Annual Symposium on New Developments  
1990 in Ophthalmology (7th : 1990 :  
Riyadh)

New developments in ophthalmology/  
King Khalid Eye Specialist Hospital  
Riyadh, Saudi Arabia. - Riyadh : King  
Khalid Eye Specialist Hospital, 1990.

263 p. : col. ill. ; 24 cm.

Proceedings of Seventh Annual  
Symposium on New Developments in  
Ophthalmology. - Includes bibliographies.

1. Ophthalmology - Congresses. 2. طب العينون - السعودية - مؤتمرات I. King Khalid Eye Specialist Hospital, corp. II. Title

**04275**

617.7

A 78 Annual Symposium on New Developments  
1989 in Ophthalmology (6th : 1989 :  
Riyadh)

New developments in ophthalmology/  
by King Khalid Eye Specialist  
Hospital; in collaboration with Dept. of  
Ophthalmology College of Medicine,  
King Saud University. - Riyadh : King  
Khalid Eye Specialist Hospital, 1989.

191 p. : col. ill. ; 24 cm.

Proceedings of Sixth Annual Symposium on New Developments in Ophthalmology. - Includes bibliography.

1. Ophthalmology - Congresses. 2. Eye - Diseases - Congresses. 3. Eye - Diseases - Saudi Arabia. 4. طب العين - مؤتمرات. I. King Khalid Eye Specialist Hospital, corp. II. King Saud University, College of Medicine, corp. III. Title

**04276**

617.7

S 85 Saudi Ophthalmological Society. Annual Scientific Meeting (1991: Al Khozama Centre, Riyadh)

An update and current trends in ophthalmology : ophthalmology'91 : the Annual Scientific Meeting of the Saudi Ophthalmological Society, 11-13 December 1991, [held at] Al Khozama Centre Riyadh, Saudi Arabia.- Riyadh : Saudi Ophthalmological Society, 1991.

73 p. : ill. ; 24 cm.

1. Ophthalmology - Congresses. 2. Eye - Diseases - Congresses. 3. Saudi Ophthalmological Society. I. Title

**04277**

617.7

S 68 Symposium on New Developments in Ophthalmology (11th: 1994: King Khaled Eye Specialist Hospital)

Eleventh Annual Symposium on New Developments in Ophthalmology 11-13 April 1994.- Riyadh : King Khaled Eye Specialist Hospital, 1994.

108 p. : ill. ; 24 cm.

1. Ophthalmology - Congresses. 2. طب العين - مؤتمرات. I. Title

**04278**

617.70011

K 587 King Saud University. College of Medicine. [199-] Department of Ophthalmology. Postgraduate Center

Fellowship program in ophthalmology (four-year postgraduate training in ophthalmology)/ King Saud University and King Khaled Eye Specialist Hospital.- Riyadh : King Saud University, [199-].

23 p. ; 23 cm.

1. Ophthalmology - Study and teaching (Higher) - Saudi Arabia. 2. Eye - Diseases - Study and teaching - Saudi Arabia. I. King Khaled Eye Specialist Hospital, corp. II. Title

**04279**

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S 85 Saudi Eye Foundation

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K 581 King Fahd University of Petroleum and Minerals. Research Institute

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1. Engineering - Saudi Arabia - Congresses.
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3 V. : ill. ; 24 cm.

1. Engineering - Saudi Arabia - Congresses.
  2. Engineers - Saudi Arabia - Congresses.
  3. الهندسة - السعودية - مؤتمرات
- I. Nazer, Mansour Othman, ed. II. King Fahd University of Petroleum and Minerals, corp. III. Title

04330

620.106

Q 12 Al-Qahtani, Mohammad Shayea Ali

1995 Forced flow in the entry region of concentric annuli with impulsively rotated inner walls/ Mohammad Shayea Ali Al-Qahtani, 1995.

xxviii, 227 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - I. 222-226.

1. Fluid mechanics. 2. Fluid power technology. 3. Two-phase flow. I. Title

04331

620.106

S 99 Al-Sayed, Moustafa M.

1994 An experimental course in basic fluid mechanics/ Moustafa M. Elsayed, Hassan-Ebanna A. Zaki and Abdulhai M. Radhwan. - Jeddah : Scientific Publishing Centre, King Abdulaziz University, 1994.

v. : ill. ; 28 cm.

ISBN 9960-06-005-5 (set)

1. Fluid mechanics. 2. ميكانيكا السوائل. I. Zaki, Hassan-Ebanna A. j.a. II. Radhwan, Abdulhai Muhammad, j.a. III. Title

04332

620.106

R 118 Radhwan, Abdulhai Muhammad

1981 The mechanical response of a gas to boundary heat addition/ by Abdulhai Muhammad Radhwan, 1981.

xii, 112 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1981. - Also available microfiche no. 256. - Bibliography: l. 96-99.

1. Gas dynamics. 2. Boundary layer. 3. Heat engineering. 4. حركة الغازات. I. Title

04333

620.1060285

T 65 Al-Towailib, Hassan Saeed

1993 Comparative study of computational methods for the solution of the two-dimensional reservoir flow equations/ by Hassan Saeed Al-Towailib, 1993.

xvi, 17-238 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 210-212.

1. Fluid mechanics - Data processing. 2. Heat - Transmission - Data processing. 3. ميكانيكا السوائل - معالجة البيانات. I. Title

04334

620.1064

B 166 Al-Baiz, Abdullah O.

1991 An experimental and numerical study of stewartson layer separation and transition to chaos/ by Abdullah O. Albaz, 1991.

xii, 145 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1991. - Bibliography: l. 115-119.

1. Boundary layer. 2. Wall pressure (Aerodynamics). 3. Fluid dynamics. 4. حركة الموائع. I. Title

04335

620.1064

B 858 Budair, Muhammad Umar

1981 An experimental investigation of the flow past a finite circular cylinder at a low subcritical reynolds number/ by Muhammad Umar Budair, 1981.

xiv, 125 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Stanford University, 1981. - Also available microfiche no. 1065. - Bibliography: l. 123-125.

1. Flow meters. 2. Fluid dynamic measurements. 3. Fluid dynamics. 4. Vortex-motion. 5. حركة السوائل. I. Title

04336

620.107

S 144 Soliman, Khaled M.

1987 Viscosities of pure liquids and multi-component liquid mixtures/ Khaled M. Soliman, 1987.

vii, 309 leaves ; 28 cm.

Thesis (Ph.D.) - University of California, Santa Barbara, 1987. - Bibliography: l. 48-51.

1. Viscosity. 2. Fluid mechanics. I. Title

04337

620.110287

G 341 Al-Ghamdi, Abdulmalik Ali

1995 Response of adaptive structures with multiple embedded devices using eigenstrain techniques/ by Abdulmalik Ali Alghamdi, 1995.

xxi, 227 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Maryland, 1995. - Also available microfiche no. 3675. - Bibliography: l. 219-226.

1. Smart materials - Testing. I. Title

**04338**

620.110687

Ot 1 Al-Otaibi, Najef T. N. H.

1995 A knowledge-based systems approach to materials management for large construction projects/ Naief T.N.H. Al-Otaibi, 1995.

xi, 317 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Toronto, 1995. - Bibliography: l. 176-182.

1. Materials management - Data processing. 2. Construction industry - Materials management - Data processing. 3. Expert systems (Computer science). I. Title

**04339**

620.11232

K 11 Al-Kaabi, Saif Ahmad

1994 Lamb waves in anisotropic plates using point-source point-receiver technique/ by Saif Ahmad Al-Kaabi, 1994.

xx, 188 p. : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1994. - Bibliography: l. 180-185.

1. Plates (Engineering). 2. Materials. 3. Elastic plates and shells. I. Title

**04340**

620.11232

R 942 Al-Ruwaili, Faisal M.

1986 Influence of bimodularity on axisymmetric structures/ by Faisal M. Al-Ruwaili, 1986.

xviii, 145 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Saud University, 1986. - With Arabic summary and title.

1. Materials - Testing. 2. Style, Literary. 3. Elasticity. I. Title

**04341**

620.11232

S 13 Sabban, Sahl Abdullah

1989 Property analysis and incremental formulation of J2 elasto-plastic solids in plane stress/ by Sahl Abdullah Sabban, 1989.

xiii, 122 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1989. - Bibliography: l. 114-116.

1. Elastic solids. 2. Strains and stresses. 3. Deformations (Mechanics). 4. Plasticity. 5. مقاومة المواد. I. Title

**04342**

620.112320151535

G 123 Al-Gahtani, Husain Jubran

1992 Application of the boundary element method to finite elasticity/ by Husain Jubran Algahtani, 1992.

viii, 94 leaves : 28 cm.

Thesis (Ph.D.) - Michigan State University, 1992. - Bibliography: l. 89-94.

1. Elasticity. 2. Boundary element methods. 3. مقاومة المواد. I. Title

**04343**

620.11233

A 11 Al-Awaji, Hussain A.S.

1990 Formulation and integration of constitutive relations in soil plasticity under mixed control for drained and undrained conditions/ by Hussain A.S. Alawaji, 1990.

xiii, 114 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1990. - Also available microfiche no. 2967. - Bibliography: l. 108-113.

1. Plasticity. 2. Plastic coatings. 3. Protective coatings. 4. Strength of materials. 5. مقاومة المواد. I. Title

**04344**

620.1124

G 117 Al-Ghddhib, Ali Husain

1989 A comparative analysis and assessment of deferent macroscopic plasticity theories as applied to the tension-torsion test of thin-walled tubes at finite strain/ by Ali Husain Al-Gadhib, 1989.

xii, 195 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - North Carolina State University, 1989. - Also available microfiche no. 2367. - Bibliography: l. 166-169.

1. Plasticity. 2. Torsion. 3. Deformations (Mechanics). 4. Materials. 5. المرونة. I. Title

04345

620.11245

A 32 Abduljabbar, Zohair Salah

1983 Diffraction of horizontally polarized shear waves by cracks in a thick plate/ by Zohair Salah Abduljabbar, 1983.

xvi, 193 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1983. - Also available microfiche no. 1856. - Bibliography: l. 146-148.

1. Shear waves. 2. Elastic waves. 3. مقاومة المواد. I. Title

04346

620.11248

J 329 Al-Jawi, Abdulghaffar A.N.

1992 Vibration localization in dual-span axially moving elastic systems/ by Abdulghaffar A.N. Aljawi, 1992.

x, 175 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1992. - Bibliography: l. 166.

1. Vibration. 2. Vibration - Physiological effect. 3. Mechanics. 4. Strains and stresses. 5. الاهتزازات. I. Title

04347

620.11248

Ou 3 Al-Oufi, Mahmoud Ali

1995 Wave propagation in particulate media/ by Mahmoud Ali Aloufi, 1995.

xxviii, 352 leaves : ill. (Some col.) ; 29 cm.

Thesis (Ph.D.) - University of Waterloo, 1995. - Bibliography: l. 288-292.

1. Wave mechanics. 2. Materials - Effect of wave mechanics on. 3. Vibration. I. Title

04348

620.1125

N 188 Al-Nassar, Yaagoub Nassar

1990 Scattering of lamb waves in an elastic plate for ultrasonic nondestructive evaluation of weldments and cracks/ Yaagoub Nassar Al-Nassar, 1990.

xiii, 109 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1990. - Bibliography: l. 99-102.

1. Mechanical engineering. 2. Mechanics, Applied. 3. Lamb waves. 4. Ultrasonic waves. I. Title

04349

620.1126

G 341 Al-Ghamdi, Abdulhakeem Hamed

1994 The fatigue behavior under reversed cyclic bending and contact stresses/ by Abdulhakeem Hamed Al-Ghamdi, 1415H, 1994.

iv, 257 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1994. - Bibliography: l. 128-133.

1. Metals - Fatigue. 2. Deformations (Mechanics). I. Title

04350

620.1126

S 31 Al-Sugair, Faisal H.

1988 A semi-markovian model for low-cycle elastic-plastic fatigue crack growth/ by Faisal H. Al-Sugair, 1988.

x, 101 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Stanford University, 1988. - Also available microfiche no. 2060. - Bibliography: l. 96-101.

1. Fracture mechanics. 2. Deformations (Mechanics). 3. خواص المواد. I. Title

04351

620.1126

G 211 Gasem, Zukair Mattoug

1992 Fatigue life predictions of notched members in Arabian Gulf water/ by Zuhair Mattoug Gasem, 1992.

xvi, 123 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 47-50.

1. Materials - Fatigue. 2. Notch effect. 3. خواص المواد. I. Title

04352

620.1126

K 527 Khan, Asad-ur-Rehman

1994 Three dimensional finite element analysis of brittle materials using CDM model/ Asad-ur-Rehman Khan, 1994.

viii, 143 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 136-143.

1. Brittleness. 2. Fracture mechanics. 3. Materials- Testing. 4. Plasticity. 5. Continuum damage mechanics. I. Title

04353

620.1126

R 191 Rauf, Asim

1995 Investigation of fatigue crack growth rates under variable amplitude loading/ by Asim Rauf, 1995.

xv, 114 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 103-113.

1. Materials - Fatigue. 2. Fracture mechanics. 3. Dead loads (Mechanics). I. Title

04354

620 11274

K 527 Khan, Abdul Malik

1994 Fourier descriptor approach for defect analysis in ultrasonic nondestructive evaluation/ by Abdul Malik Khan, 1994.

xiii, 131 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 123-130.

1. Ultrasonic testing. 2. Non-destructive testing. 3. الأشعة فوق الصوتية. I. Title

04355

620.11292

G 216 Al-Gassimi, Mohammad Erfan M.

1993 Explicit integration of endochronic plasticity equations with mixed control for frictional materials/ by Mohammad Erfan M. Al-Gassimi, 1993.

xxii, 164 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1993. - Also available microfiche no. 3357. - Bibliography: l. 147-151.

1. Friction materials. 2. Friction. 3. Civil engineering. 4. الاحتكاك. I. Title

04356

620.116

Z 13 Zahed, Adnan H.

1979 Parallel pore model of a porous medium : effect of pore size distribution on dispersion/ by Adnan H. Zahed, 1979.

v, 93 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of California, 1979. - Also available microfiche no. 1825. - Bibliography: Bibliography: l. 66.

1. Porous materials. 2. Porosity. 3. المواد المسامية. I. Title

04357

620.1350287

A 28 Alfi, Abdulaziz Adnan Sharif

1978 Experimental study of a strongly cemented sand/ by Abdulaziz Adnan Sharif Alfi, 1978.

xx, 121 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Stanford University, 1978. - Also available microfiche no. 1681. - Bibliography: l. 121.

1. Soil cement - Testing. 2. Cement - Testing. 3. الاسمنت. I. Title

04358

620.1352

H 963 Hussain, Syed Ehtesham

1991 Mechanisms of high durability performance of plain and blended cements/ by Syed Ehtesham Hussain, 1991.

xxi, 340 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1991. - Bibliography: l. 332-340.

1. Concrete - Corrosion. 2. Concrete - Deterioration. 3. Cement. 4. Cement. 5. الاسمنت. I. Title

04359

620.13572

Z 13 Al-Zahri, Fatma Soliman

1994 Cement analysis by studying the Gamma-ray spectrum due to thermal neutron capture/ by Fatma Soliman Al-Zahri, 1415 H, 1994.

xvi, 104, 10, 5 leaves : ill. ; 30 cm.

Thesis (M.Sc.) King Abdulaziz University, 1994. - With abstract and title in Arabic : تحليل الاسمنت بدراسة الطيف الجاما : النتائج عن النيوترونات الحرارية. - Bibliography: l. 101-104.

1. Gamma ray spectrometry. 2. Thermal neutrons - Capture. 3. Cement - Analysis. 4. Cement composites. 5. Cement - Spectra. I. Title II. Title: تحليل الاسمنت بدراسة الطيف الجاما : النتائج عن النيوترونات الحرارية

04360

620.136

N 86 Al-Nowaiser, Fahad A.

1991 Review and evaluation of the use of microsilica as an admixture for concrete/ by Fahad A. Alnowaiser, 1991.

viii, 229 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Missouri-Columbia, 1991. - Bibliography: l. 202-214.

1. Concrete - Quality control. 2. Building materials. 3. Concrete - Additives. 4. الخرسانة. I. Title

04361

620.136

B 147 Bahkali, Hassan A.

1992 Effect of admixture and pozzolanic materials on plastic shrinkage of concrete/ by Hassan A. Bahkali, 1992.

xv, 163 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdul Aziz University, 1992. - Bibliography: l. 111-114.

1. Concrete - Additives. 2. Concrete - Expansion and contraction. 3. Building materials - Effect of temperature on. 4. الخرسانة. I. Title

04362

620.136

S 18 Saggat, Zuhair A.

1993 Effect of the concrete strength and the aspect ratio on the torsional behavior of plain high-strength concrete beams/ by Zuhair A. Saggat, 1413 H, 1993.

xi, 100 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 85-91.

1. Concrete - Fatigue. 2. Concrete beams - Fatigue. 3. Structural analysis (Engineering). 4. Strength of materials. 5. الخرسانة. I. Title

04363

620.136028709531

Z 35 Zein Al-Abidin, Habib M.

1983 Properties of the aggregates for concrete in Saudi Arabia/ Habib M. Zein Al-Abidin. - [Riyadh] : Ministry of Public Works and Housing, 1983.

37 p. : ill. (some col.), maps ; 29 cm.

Paper submitted to the First Saudi Engineering Conference, Jeddah, 14- 19 May, 1983. - Bibliography: p. 35-37.

1. Concrete - Testing. 2. Building materials - Saudi Arabia - Testing. 3. الخرسانة للسلحجة. I. Saudi Engineering Conference (1st. : 1983 : Jeddah) II. Title

04364



620.136095313

**B 147 Al-Bahli, Abdul Karim Fahad**

1991 Evaluation of quality control for ready mixed concrete manufacturing in the Eastern Province/ by Abdul Karim Fahad Al-Bahli, 1991.

xv, 215 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Fahd University, 1991. - Bibliography: l. 130-132.

1. Building materials - Saudi Arabia - Eastern region - Quality control.
2. Concrete - Quality control. I. Title

**04365**

620.1364

**A 11 Asad, Mohammed**

1995 Computational modelling of shrinkage in repaired concrete/ by Mohammed Asad, 1995.

xvi, 164 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 151-154.

1. Concrete - Drying.
2. Concrete - Expansion and contraction. I. Title

**04366**

620.13696

**L 111 Labani, Jafar Mohamed**

1977 The short-term structural behaviour of a lightweight aggregate concrete at elevated temperature/ Jafar Mohamed Labani, 1977.

590 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of London, 1977. - Bibliography: l. 583-590.

1. Concrete - Testing.
2. Concrete - Effect of temperature on.
3. Concrete - Expansion and contraction.
4. Concrete - Fatigue. I. Title

**04367**

620.137

**S 99 Al-Sayed, Saleh Hamed**

1982 Ferro-fibrocrete : properties and applications/ by Saleh Hamed Alsayed, 1982.

viii, 52 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1982. - Also available microfiche no. 1714. - Bibliography: l. 51-52.

1. Reinforced concrete, Fiber.
2. Reinforced concrete.
3. الخرسانة المسلحة. I. Title

**04368**

620.1372

**S 51 Al-Sulaimani, Ghazi Jamil**

1978 The problem of chloride in Portland cement concrete/ by Ghazi Jamil Al-Sulaimani, 1978.

xii, 101 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Texas at Austin, 1978. - Also available microfiche no. 1701. - Bibliography: l. 98-101.

1. Reinforced concrete - Corrosion.
  2. Reinforced concrete - Analysis.
  3. Reinforced concrete - Testing.
  4. الخرسانة المسلحة.
- I. Title

**04369**

620.1372

**K 527 Khan, C.N. Sadath Ali**

1993 The effect of temperature and salt contamination on corrosion of reinforcing steel in OPC blended cement concretes/ C.N. Sadath Ali Khan, 1993.

xvi, 208 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 200-208.

1. Reinforced concrete construction.
  2. Reinforced concrete - Corrosion.
  3. Reinforced concrete - Thermal properties.
  4. الخرسانة المسلحة.
- I. Title

**04370**

620.13732

**T 847 Al-Turki, Ali Abdulkarim**

1995 Plastic shrinkage of fiber-reinforced concrete/ by Ali Abdulkarim Al-Turki, 1415 H, 1995.

x, 167, [6] leaves : col. ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1995. - With introduction and

الإنكماش للبدن للخرسانة المسلحة : بالإنكليزية  
Bibliography: 1. 80-86.

1. Reinforced concrete, Fiber -  
Expansion and contraction. 2. Materials -  
Expansion and contraction. I. Title II.  
الإنكماش للبدن للخرسانة المسلحة بالإنكليزية

04371

620.13732

T 13 Taher, Salah El-Din Mohammed Fahmy  
1995 Canonical elastoplastic - damage  
modelling of reinforced concrete/ by  
Salah El-Din Mohammed Fahmy Taher,  
1995.

2 v. ; 29 cm.

Thesis (Ph.D.) - King Fahd University  
of Petroleum and Minerals, 1995. -  
Bibliography: p. 551-600 (v.2).

1. Reinforced concrete. 2. Elastoplasticity. 3. Elastic analysis (Engineering).  
I. Title

04372

620.1420953111

A 61 Al-Ajlan, Saleh Abdulrahman

1994 Thermal mass and stabilized soil  
blocks for achieving energy saving in hot  
arid climate of Ar-Riyadh region/ by  
Saleh Abdulrahman Al-Ajlan , 1994.

xxiv, ca. 300 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Reading,  
1994. - Includes bibliographical references.

1. Bricks - Riyadh. 2. Brickmaking -  
Riyadh. 3. Sand-lime brick - Riyadh.  
4. Construction industry - Energy conservation  
- Riyadh. 5. أبحاث - الرياض. I. Title

04373

620.1699

T 199 Tawancy, Hani M.

1993 Structure and properties of high temperature  
alloys : applications of analytical  
electron microscopy/ Hani M. Tawancy.-  
Dhahran, SA : King Fahd University of  
Petroleum and Minerals, 1993.

ix, 445 p. : ill. ; 24 cm.

Includes bibliographical references  
and index.

1. Alloys. 2. Electron microscopy.  
3. Alloys - Thermal properties. 4. Alloys -  
Testing. 5. Metals - Thermal properties.  
6. المعادن. I. Title

04374

620.1723

H 339 Hazzaa, M.I.

1987 Synergistic effects in the inhibition  
by chromate-containing mixtures of the  
corrosion of mild steel/ M.I. Hazzaa, 1987.  
182 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Victoria University  
of Manchester, 1987. - Bibliography: l.  
177-182.

1. Steel - Corrosion. 2. Chemical inhibitors.  
3. Corrosion and anti-corrosives. I. Title

04375

620.1723

S 73 Shokoya, Olawale Surajudeen, (1965-- )

1994 Corrosivity of water-base drilling  
fluids in deep, hot wells/ Olawale  
Surajudeen Shokoya, 1994.

xvi, 160 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd  
University of Petroleum and Minerals,  
1994. - Bibliography: l. 124-129.

1. Steel - Corrosion. 2. Pipe, Steel -  
Corrosion. 3. Corrosion and anti-corrosives.  
4. Wells. 5. Drilling muds. I. Title

04376

620.1796

Ot 1 Al-Otaibi, Khalid M.

1987 The effect of dynamic strain aging on  
the mechanical and fracture characteristics  
of annealed 2.25 CR-1MO steel and the  
mathematical interpretation of its stress-  
strain curve/ Khalid M. Al-Otaibi, 1987.

viii, 154 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - North State University  
at Raleigh, 1987. - Bibliography: l. 76-79.

1. Steel - Thermal properties. 2. Steel -  
Testing. 3. Steel - Fracture. I. Title

04377

620.1866

S 15 Al-Sadeg, Ghassan Asem

1993 Study of fatigue crack growth at the thickness interfaces of high strength aluminum alloys/ by Ghassan Asem Al-Sadeg, 1414 H, 1993.

xviii, 132, [189] leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdul Aziz University, 1993. - Bibliography: l. 125-132.

1. Aluminum alloys - Fatigue. 2. Aluminum alloys - Fracture. I. Title

**04378**

620.191

A 69 Al-Amoud, Sulaiman Ibrahim

1993 The relationship between lateral and vertical expansive stresses for a compacted clay/ by Sulaiman Ibrahim Al-Amoud, 1993.

x, 97 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Arizona State University, 1993. - Bibliography: l. 92-97.

1. Clay. 2. Clay soils. 3. Swelling soils. 4. Soils - Density. 5. Materials science. 6. I. Title

**04379**

620.191

G 341 Al-Ghanem, Abdulhakim M.F.

1989 Factors affecting the strength characteristics of Calcium Carbonate-cemented soils/ Abdulhakim M.F. Al-Ghanem, 1989.

238 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1989. - Also available microfiche no. 2467. - Bibliography: l. 230-238.

1. Soils. 2. Soils - Calcium content. 3. Soils - carbonate content. 4. I. Title

**04380**

620.191

S 69 Al-Siny, Abdulhafiz Omar Sulaiman

1992 Deformation modes in thick-walled cylinder experiments on dry sand/ by Abdulhafiz Omar Sulaiman Al-Siny, 1992. v, 244 leaves ; 28 cm.

Thesis (Ph.D.) - University of Minnesota, 1992. - Bibliography: l. 137-141.

1. Soil conditioners. 2. Engineering material. 3. Strains and stresses. 4. Thick-walled structures. 5. I. Title

**04381**

620.191

K 151 Kashmeeri, Nouri Abd-Allah

1969 Thixotropic behavior of compacted clays/ by Nouri Abd-Allah Kashmeeri, 1969.

xvii, 207 leaves ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1969. - Bibliography: l. 183-189.

1. Clay. 2. Materials. 3. I. Title

**04382**

620.191

S 34 Salloum, Ahmed M.

1973 A study of the consolidation characteristics of active clays/ by Ahmed M. Salloum, 1973.

67 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Pittsburgh, 1973. - Also available microfiche no. 118. - Bibliography: l. 66-67.

1. Clay - Analysis. 2. I. Title

**04383**

620.191

S 24 Shash, Ali Ali H.

1984 Bentonite in the construction industry/ by Ali Ali H. Shash, 1984.

ix, 141 leaves : ill. (some col.), map ; 28 cm.

Thesis (M.Sc.) - University of Texas at Austin, 1984. - Also available microfiche no. 1817. - Bibliography: l. 139-141.

1. Bentonite. 2. Building materials. 3. Bentonite slurry. 4. Clay. 5. I. Title

**04384**

620.19104242

A 77 Al-Aasmi, Abdulrahman

1990 The behavior of clay samples under compression containing multiple number of cracks/ by Abdulrahman Al-Aasmi, 1990.

- x, 57 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of  
Pittsburgh, 1990. - Bibliography: l. 56-57.  
1. Clay - Testing. I. Title
- 04385**
- 620.1910427095314  
S 19 Al-Shanooti, Saud Ibrahim  
1992 A study of geotechnical properties of  
saline soil/ Saud Ibraheem Al-Shanoothi,  
1992.  
xiv, 200 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz,  
1992. - Bibliography: l. 102-107.  
1. Soils - Saudi Arabia - Northern  
region - Testing. 2. Soils, Salts in - Saudi  
Arabia - Northern region. 3. التربة - المنطقة  
(الشمالية (السعودية). I. Title
- 04386**
- 620.192  
N 311 Al-Negheimish, Abdulaziz Ibrahim  
1988 Bond strength, long term performance  
and temperature induced stresses in  
polymer concrete-Portland cement concrete  
composite members/ by Abdulaziz Ibrahim  
Al-Negheimish, 1988.  
2 v. (xxiii, 340 leaves) : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Texas at  
Austin, 1988 - Also available microfiche no.  
2406. - Bibliography: l. 331-340.  
1. Composite materials - Effect of  
environment on. 2. Portland cement.  
3. Cement - Effect of temperature on.  
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2. Elastomers - Mathematical models.  
3. Strength of materials. 4. المطاط - نماذج  
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J 689 Jomoah, Ibrahim Mohammed

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A 78 Al-Amri, Saeed Mohammed  
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S 21 Al-Saif, Fouad AH H.

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A 32 Abdul-Aziz, Abdul-Aziz U. Mohammad

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S 16 Abu-Shal, Yahya Abdul-Rahman Saleh

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M 457 Mazi, Abdulhalem Abdulaziz.

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E 76 Esshack, Abu Bakr Abdul Razack  
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- 04444**
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N 188 Al-Nasser, Abdulaziz Jaffar  
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- 04445**
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A 31 Abdel-Aziz, Essam Zaki  
1994 Analysis of the ionized field around multi-phase power transmission lines/ Essam Zaki Abdel-Aziz, 1994.  
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1. Electric power transmission - Alternating current. 2. Electric power systems - Electric losses. I. Title

**04446**

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C 414 Cheema, Atif Nazir

1995 Reliability equivalents for AC adequacy evaluation of large power systems/ by Atif Nazir Cheema, 1995.

xvii, 160 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 154-159.

1. Electric generators - Alternating current. 2. Power transmission. 3. Electric power systems. I. Title

**04447**

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A 76 Aboreshaid, Saleh Abdulrahman Saleh

1993 An approach to security evaluation of composite power systems/ by Saleh Abdulrahman Saleh Aboreshaid, 1993.

xii, 123 leaves : ill. ; 29 cm.

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M 272 Maghraby, Hamza Al-Sayed Mohammed

1993 Application of equivalents to the reliability evaluation of composite power systems/ Hamza Al-Sayed Mohammed Maghraby, 1993.

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A 19 Al-Abbas, Abdullah Mohammed

1992 An investigation of transient and dynamic stability of multi-machine interconnected power system during line to line faults/ by Abdullah Mohammed Alabbas, 1992.

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Thesis (Ph.D.) - George Washington University, 1992. - Also available microfiche no. 3117. - Bibliography: l. 376-83.

1. Electric power distribution. 2. Electric power transmission. 3. Integrated circuits. 4. Electric networks. I. Title

**04450**

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H 186 Al-Hamouz, Zakaria Mahmoud

1994 Analysis of the ionized field around HVDC transmission lines/ by Zakariya Mahmoud Al-Hamouz, 1994.

xxxiv, 284 leaves : ill. ; 29 cm.

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**04451**

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M 891 Mufti, Anwar Hassan

1983 Digital modelling of series compensated E.H.V. lines and an associated ultra high speed protection scheme/ by Anwar Hassan Mufti, 1983.

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**04452**

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M 883 Mudarres, Mohammed Kamal

1988 Modeling techniques in simulating power system transients using the electro-

- magnetic transient program/ by  
Mohammed Kamal Mudarres, 1988.  
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no. 2558. - Bibliography: l. 51-52.  
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power systems - Simulation methods.  
3. Electric power distribution - Simulation  
methods. 4. توزيع الكهرباء - I. Title  
**04453**  
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S 17 Al-Shams, Abdul-Aziz Mohammed  
1995 Transient stability assessment using  
artificial neural networks/ by Abdulaziz  
Mohammed Al-Shams, 1995.  
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**04454**  
621.31922  
G 346 Al-Ghuwainem, Saad Mobarak  
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1. Overhead electric lines. 2. توزيع  
الكهرباء - I. Title  
**04455**  
621.31924  
M 457 Mazi, Abdulhaleem Abdulaziz  
1982 Corrective control of flow in a power  
system by line and bus-bar switching/ by  
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(Electricity). 3. Switching circuits. 4. الأجهزة  
الكهربائية - I. Title  
**04456**  
621.31937  
B 116 Babgi, Adnan Abdulrahman  
1993 Influence of corona on switching  
surges of long transmission lines/ by  
Adnan Abdulrahman Babgi, 1413 H,  
1993.  
vii, 109 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz  
University, 1993. - Bibliography: l. 104-106.  
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Switching. 3. Electric insulators and  
insulation. I. Title  
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Z 2 Zedan, Fareed Mohammed  
1979 HVDC insulators : their performance  
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and electric corona field/ Fareed Mohammed  
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H 366 Al-Hekail, Zeyad O.T.  
1988 Scattering from thin dielectric straps  
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2. Dielectric devices. 3. Magnetic induction. I.  
Title  
**04459**

621.34

M 458 Al-Mazroo, Abdulhameed Yousef

1988 Characterization and modeling of magnetic materials and structures/ by Abdulhameed Yousef Al-Mazroo, 1988 .

viii, 169 leaves : ill. ; 28 cm.

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**04460**

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A 11 Al-Arainy, Abdulrahman. Ali.

1988 Electromagnetic interference from power lines in the central region of Saudi Arabia/ A.A. Al-Arainy, N.H. Malik, L.N. Abdul Aal.- Riyadh : King Abdul Aziz City for Science and Technology, 1988.

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J 599 Johar, Umar Mohammed

1992 All optical reflectivity modulation utilizing surface plasmon resonance/ by Umar Mohammed Johar, 1992.

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**04462**

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J 989 Al-Juwair, Husain Abdulaziz

1981 Laser light scattering from bacteria forming chemotactic bands/ by Husain Abdulaziz Al-Juwair, 1981.

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S 45 Sami, Muhammad

1993 Heat transfer mechanisms governing laser metal interactions/ by Muhammad Sami, 1993.

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**04464**

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A 76 Al-Assiri, Ali Essa

1992 A study on laser speckles and its application to surface roughness/ by Ali Essa Al-Assiri, 1992.

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**04465**

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G 341 Al-Ghamdi, Said Ahmed Farha

1995 Study and modeling of a new field effect laser source/ by Said Ahmed Farha Al-Ghamdi, 1415 H. 1995.

- xvii, 232, 11 leaves : ill. ; 30 cm.  
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**04466**
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Y 14 Yamani, Zain Hassan  
1993 Experimental determination of the frequency spectrum of the rose Bengal picosecond fluorescence using two beating ring dye lasers/ by Zain Hassan Yamani, 1993.  
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1. Dye lasers. 2. Coal-tar colors. 3. Dyes and dyeing. 4. أشعة الليزر. I. Title  
**04467**
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A 32 Abdul-Jawad, Samir  
1985 A novel planar array configuration for ultrasonic imaging/ Samir Abdul-Jawad, 1985.  
92 leaves : ill. (Some col.) ; 30 cm.  
Thesis (Ph.D.) - University of Sheffield, 1985. - Bibliography: 1. 84-90.  
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**04468**
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R 137 Al-Rajeh, Khalid M.  
1994 Computer-aided matching of a sequence of images : algorithm for matching sequence of images obtained from rotated and shifted camera station utilising a straight line extraction technique with photogrammetric applications to aerial images/ Khalid M. Al-Rajeh, 1994.  
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**04469**
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B 291 Basehail, Abdullah Ahmed Salem  
1994 Image compression using neural networks/ Abdullah Ahmed Saleem Basehail, 1994.  
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Thesis (M.Sc.) - King Abdulaziz University, 1994. - Also available microfiche no. 3553. - Bibliography: 1. 108-113.  
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**04470**
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Od 5 Odogba, Jibril  
1995 Application of H optimization techniques in image and signal processing/ by Jibril Odogba , 1995.  
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1. Systems engineering. 2. Signal processing - Digital techniques. 3. Image processing - Digital techniques. I. Title  
**04471**
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S 59 Sheshah, Omar S.  
1994 Restoration of scatter blurred video fluorescence microscopy/ Omar S. Sheshah, 1994.  
xi, 86 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Carleton University, 1994. - Bibliography: 1. 80-86.  
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A 79 Altaf, Waleed J.

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H 117 Al-Haddad, Munir M.

1991 Utilization of remotely-sensed data in Saudi Arabia/ by Munir M. Al-Haddad, 1991.

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**04474**

621.3692

K 529 Al-Khulaiwi, Ali Salem

1991 Investigation of various optical fiber configurations for sample monitoring/ by Ali Salem Al-Khulaiwi, 1991.

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1. Fiber optics. 2. Photonics. 3. البصريات. I. Title

**04475**

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H 275 Hassan, Mohamed Adel

1993 Modes nonlinear optical fibers/ by Mohamed Adel Hassan, 1993.

xiii, 245 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 192-197.

1. Optical fibers. 2. Optoelectronics. 3. الألياف البصرية. I. Title

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N 145 Najm, Riyadh K.

1980 Measurements of bistatic scattering from wire structures and anisotropic objects/ Riyadh K. Najm, 1980.

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Z 13 Zainaddin, Samir Ahmed

1994 A neural network approach for load flow estimation and VAR allocation/ by Samir Ahmed Zainaddin, 1994.

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Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 166-169.

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**04478**

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H 212 Al-Harari, Farid Yousef Abdul-Rahman

1994 An expert system for load flow planning/ by Farid Yousef Abdul-Rahman Al-Harari, 1994.

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Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 230-33.

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**04479**

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Um 1 Al-Umari, Hussain Bin Abdulhadi

1994 General analysis of induction machines using preference frame theory/ Hussain Bin Abdulhadi Al-Umari, 1415 H, 1994.

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2. Microwave devices. 3. Microwave integrated circuits. 4. الميكروويف. I. Title

**04486**

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M 71 Al-Moabadi, Mohammed Muneer

- 1995 Nonuniform transmission lines : analysis and applications/ by Mohammed Muneer Al-Moabadi, 1416 H, 1995. xii, 103, xvi leaves : ill. ; 30 cm.

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1. Microwave transmission lines.
2. Electronics. 3. Telecommunication lines.
- I. Title II. Title: خطوط النقل غير المنتظمة: تحليل وتطبيقات

**04487**

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N 142 Al-Nahwi, Adnan A. R.

- 1st e A Study of medium wave propagation/ 1989 Adnan A. R. Al-Nahwi. - 1st ed.. - Riyadh : Dar Al-Nahwi, 1989.

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**04488**

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H 213 Al-Harbi, Abdullah Ahmed

- 1995 Accurate design and analysis of multi-conductor "lange" coupler/ by Abdullah Ahmed Al-Harbi, 1995.

xiii, 117, 4 leaves : ill. ; 31 cm.

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1. Microwave circuits - Design and construction. 2. Directional couplers - Design and construction. 3. Strip transmission lines - Design and construction. I. Title

**04489**

621.3813224

S 28 Al-Shawoosh, Mohammad I.

- 1995 A novel microstrip distributed and lumped-distributed networks/ by Mohammad I. Al-Shawoosh, 1416 H, 1995.

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H 124 Al-Haider, Mohammed A.

- 1977 Lithium niobate optical waveguides and wide-band acousto-optic bragg diffraction using multiple tilted surface acoustic waves/ by Mohammed A. Al-Haider, 1977.

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N 112 Nabulsi, Khalid Ali

- 1980 Circularly symmetric iris in coaxial waveguide/ Khalid Ali Nabulsi, 1980.

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**04492**

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S 68 Shittu, Abiodun Ahmad

- 1994 Study of periodic wave guides by the finite-difference time-domain method and the method of lines/ by Abiodun Ahmad Shittu, 1994.

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  3. Electromagnetic waves. 4. Microwave transmission lines. I. Title
- 04493**
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T 893 Al-Tuwaijry, Fahd A.A.  
1992 Fast algorithms for implementation of public-key cryptosystems : VLSI simulation of modified algorithms to increase the speed of Public-key cryptosystem (RSA) implementation/ by Fahd A.A. Al-Tuwaijry, 1992. ca. 150 leaves : ill. ; 30 cm.  
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  2. Cryptography.
  3. Electronic circuits. 4. الدوائر الإلكترونية. I. Title
- 04494**
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E 35 Eshmawi, Abdul-Majid M.  
1983 Optimal fixed point digital compensators/ by Abdul-Majid M. Eshmawi, 1983. viii, 81 leaves : ill. ; 29 cm.  
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  2. Electronic circuits.
  3. الدوائر الإلكترونية. I. Title
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- 04496**
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A 76 Ahsan, Mohamed  
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A 12 Al-Awami, Moneer H. B.  
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  2. Semiconductors.
  3. Silicon alloys.
  4. Charge coupled devices. I. Title
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  2. Electromagnetic waves. I. Title
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Is 7 Issa, Mohammad Ali Ahmad

1991 Development of semiconductor elements for cooling and power generation/ Mohammad Ali Ahmad Issa, Adil Magzoub Hassib and Faisal Abdul Aziz Alsheikh Amin.- Riyadh : King Abdul Aziz City for Science and Technology, 1991.

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II. Amin, Faisal Abdul Aziz Alsheikh, j.a.  
III. Title IV. Title: تطوير عناصر أشباه الموصلات لاستخدامها في التبريد وتوليد الطاقة

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621.38152

M 971 Musallam, Ali Abdalkareem

1987 Punch-through space-charge limited loads/ by Ali Abdulkareem Musallam, 1987.

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1. Electrical engineering. 2. Computer engineering. 3. الخدمة الكهربائية. I. Title

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B 927 Burmawi, Mohammad Yousoof  
1981 Mohammad Yacoub

Optical effects in millimeter-wave impatt diodes and oscillators/ by Mohammad Yousoof Mohammad Yacoub Burmawi, 1981.

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Thesis (Ph.D.) - University of Michigan, 1981. - Also available microfiche no. 765. - Bibliography: 1. 262-268.

1. Diodes, IMPATT. 2. Oscillators, Electric. 3. الترانزستورات. I. Title

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Z 18 Zarea, A.

1993 Small-signal analysis of GaAs / Al (Ga)as resonant tunnel diodes and their circuit applications/ by A. Zarea, 1993.

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1. Signal processing. 2. Signal theory (Telecommunication). 3. Telecommunication. 4. Tunnel diodes. 5. الصمامات. I. Title

04503

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H 689 Al-Hokail, Hamad Saleh

1995 Transient analysis of heterojunction phototransistors/ by Hamad Saleh Al-Hokail, 1995.

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1. Junction transistors. 2. Transistors. 3. Semiconductors - Junctions. I. Title

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K 529 Khan, Muhammad Haroon

1994 Digitally programmable tuned circuits/ by Muhammad Haroon Khan, 1994.

xiii, 102 leaves : ill. ; 29 cm.

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1. Electric current converters. 2. Electric circuits. 3. Electric conductors. 4. Amplifiers (Electronics). I. Title

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2. Electric motors, Induction. I. Title  
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- 621.3815324  
A 52 Ahmed, Syed Tauseef Nizam  
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capacitor FIR filters/ by Syed Tauseef  
Nizam Ahmed, 1995.  
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University of Petroleum and Minerals,  
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I. Title  
**04507**
- 621.3815324  
H 51 Al-Ahmadi, Ali Saud Abbas  
1994 Digital filter design by approximate  
time-domain modeling/ Ali Saud Abbas  
Al-Ahmadi, 1994.  
xvi, 213 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd  
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1994. - Bibliography: 1. 208-213.  
1. Electric filters, Digital - Design and  
construction. 2. Digital electronics. 3. Printed  
circuits. 4. Electronic circuits. I. Title  
**04508**
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D 133 Al-Daghrier, Hasan Ali  
1995 Current conveyor-based filters and  
oscillators/ by Hassan Ali Al-Daghrier,  
1995.  
xiii, 111 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd  
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1. Electric filters. 2. Oscillators, Electric.  
3. Electric circuits. 4. Electric fault location.  
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**04509**
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D 882 Al-Duhayan, Sulaiman M.  
1983 The design of besel filters with  
prescribed RCL loads/ by Sulaiman M.  
Alduhayan, 1983.  
v, 87 leaves ; 28 cm.  
Thesis (M.Sc.) - University of Illinois,  
Chicago, 1983. - Also available microfiche  
no. 1846. - Bibliography: 57-59.  
1. Semiconductors. 2. Electric filters,  
Digital. 3. ديه الموصلات (الإلكترونية). I. Title  
**04510**
- 621.3815324  
S 13 Al-Shahrani, Saad Mohammad  
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current feedback operational amplifiers/  
by Saad Mohammad Al-Shahrani, 1995.  
xi, 131 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd  
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1. Electric filters, Active. 2. Oscillators,  
Electric. 3. Feedback amplifiers. 4. Feedback  
oscillators. I. Title  
**04511**
- 621.381536  
G 346 Al-Ghumgham, Mufeed Ahmed Saleh  
1992 On a neural network-based fault  
detection algorithm/ by Mufeed Ahmed  
Saleh Al-Ghumgham, 1992.  
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Thesis (M.Sc.) - King Fahd  
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1992. - Bibliography: 1. 148-151.  
1. Neural networks (Computer  
science). 2. Algorithms. 3. Demodulation  
(Electronics). 4. Frequency modulation  
detectors. 5. التشفير. I. Title  
**04512**
- 621.381536  
Y 14 Al-Yami, Abd Alrahman Ahmed  
1984 Delta modulation, as a voice digitization  
scheme for use with packet architecture/  
by Abd Alrahman Ahmed Al-Yami, 1984.

xi, 123 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Colorado, 1984. - Also available microfiche no. 512. - Bibliography: l. 118-120.

1.Modulation (Electronics). 2. Signal theory (Telecommunication). 3. الإلكترونيات. I. Title

**04513**

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**B 144 Badran, Saeed Musfer**

1990 Active and reactive power modulation controllers for AC/DC power systems/ by Saeed Musfer Badran, 1990.

x, 164 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - West Virginia University, 1990. - Also available microfiche no. 359. - Bibliography: l. 133-135.

1. Modulators (Electronics). 2. Pulse circuits. 3. Electronics. I. Title

**04514**

621.381542

**M 272 Maghrabi, K.**

1984 Photomultiplier/ K. Maghrabi, 1984.

58 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - University of Reading, 1984. - Bibliography: l. 54-58.

1.Photoelectric multipliers. 2.Photoemission. 3. Electrons - Emission

**04515**

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**M 892 Al-Muhaisni, Musaed M. I.**

1994 Multifrequency binary testing in high precision measurement / by Musaed M.I. Al-Muhaisni, 1994.

xii, 219 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Strathclyde, 1994. - Bibliography: l. 203-219.

1.Electromagnetic measurements. 2.Electronic measurements. I. Title

**04516**

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**M 462 Al-Meajil, Abdullah Ibrahim**

1987 Universal data logger/ Abdullah Ibrahim Al-Meajil, 1987.

iv, 68 p. : ill. ; 28 cm.

Thesis (B.Sc.) - King Saud University, 1987.

1.Computer engineering. 2.Microprocessors. 3. الحاسبات الإلكترونية. I. Title

**04517**

621.382

**J 115 Al-Jabri Abdolrahman Khalid**

1987 Coding for meteor-burst communications channel and side information for channels with block-interference/ by Abdolrahman Khalid Al Jabri, 1987.

x, 110 p. ; 28 cm.

Thesis (Ph.D.) - University of Michigan, 1987. - Also available microfiche no. 2619. - Bibliography: l. 108-110.

1.Communication in engineering. 2.Communication. 3. Telecommunication. 4.Electronics. 5. الاتصالات السلكية واللاسلكية. I. Title

**04518**

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**A 71 Alemin, Ibrahim Fahad**

1995 Issue facing the implementation of the integrated services digital network (ISDN) in the United States/ Ibrahim Fahad Alemin, 1995.

xvii, 174 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Southern Methodist University, 1995. - Also available microfiche no. 3751. - Bibliography: l. 170-174.

1. Integrated services digital networks - United States. 2. Digital communications. 3.Telecommunications - United States. 4.Telecommunication policy - United States. 5. Data transmission systems - United States. I. Title

**04519**

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**R 942 Al-Ruwaihi, Khalid Mohammad**

1992 Realization of a transceiver circuit based on a newly developed coding scheme/ by Khalid Mohammad Al-Ruwaihi, 1992.

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Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 145-148.
1. Digital communications. 2. Data transmission systems. 3. Electronic circuits.
  4. Telecommunication. 5. الاتصالات الإلكترونية. I. Title
- 04520**
- 621.382  
S 18 Shankiti, Habeeb Khader  
1980 Microwave communication systems : transmission considerations, measurement equipment and measuring techniques/ by Habeeb Khader Shankiti, 1980.  
xii, 140 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Colorado, 1980. - Also available microfiche no. 123. - Bibliography: l. 126-128.  
  1. Microwave communication systems.
  2. Microwave devices. 3. Telecommunication systems. 4. الميكروويف. I. Title
- 04521**
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S 41 Shehadah, Wael Hasan A.  
1992 A new multisampling-based non-coherent FSK receiver using parametric spectrum estimators/ by Wael Hasan A. Shehadah, 1992.  
xiv, 155 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 152-155.  
  1. Telecommunication. 2. Digital communications. 3. Microwave receivers. 4. Communication. 5. الاتصالات الإلكترونية. I. Title
- 04522**
- 621.3822  
S 58 Al-Sanie, Abdulhameed  
1992 On trellis coded modulation based automatic-repeat-request (ARQ) schemes/ by Abdulhameed Al-Sanie, 1992.

- xii, 201 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Syracuse University, 1992. - Also available microfiche no. 3172. - Bibliography: l. 133-136.
1. Telecommunication. 2. Signal theory (Telecommunication). 3. الاتصالات الإلكترونية. I. Title

**04523**

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S 82 Al-Shoshan, Abdullah Ibrahim  
1995 System identification and modeling of non-stationary signals/ Abdullah Ibrahim Al-Shoshan, 1995.  
xvii, 118 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Pittsburgh, 1995. - Bibliography: l. 114-118.
1. Signal processing. 2. Linear time invariant systems. 3. Telecommunication. I. Title
- 04524**
- 621.38223  
B 55 Biyari, Khaled Husain  
1990 Binary communications over random channels/ Khaled Hussain Biyari, 1990.  
x, 152 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Southern California, 1990. - Bibliography: l. 130-137.
1. Random noise theory. 2. Statistical communication theory. 3. Signal theory (Telecommunication). I. Title

**04525**

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R 942 Al-Ruwais, Abdulaziz Salem  
1982 Adaptive array behavior with periodically modulated interference/ Abdulaziz Salem Al-Ruwais, 1982.  
xiii, 128 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Ohio State University, 1982. - Bibliography: l. 126-128.
1. Signal processing. 2. Electromagnetic interference. 3. Electromagnetic noise. 4. Adaptive antennas. 5. Modulation (Electronics). I. Title

**04526**



621.382240151

T 847 Al-Turki, Fahd A.A.

1993 A nonlinear framework for adaptive noise cancellation/ by Fahd A.A. Alturki, 1993.

v, 246 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Sheffield, 1993. - Bibliography: l. 230-240.

1.Noise control - Mathematical models.  
2. Signal theory (Telecommunication) - Mathematical models. 3.Telecommunication - Mathematical models. I. Title

04527

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S 31 Al-Sugair, Abdulaziz A.

1995 L-out of K CDMA Gaussian channels: symmetric capacity and system design/ by Abdulaziz A. al-Sugair, 1995.

ix, 95 leaves ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1995. - Bibliography: p. [92] - 95.

1.Mobile telecommunication systems.  
2. Telecommunication systems.

04528

621.38235

R 78 Rowally, Khaled M.

1974 The backscattering from a thin wire embedded in a medium/ Khaled M. Rowally, 1974.

iv, 52 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of California, Berkeley, 1974. - Also available microfiche no. 1625. - Bibliography: l. 51-52.

1.Electromagnetic waves - Transmission.  
2.Electromagnetic theory. 3.Facsimile transmission. 4. الفاكس. I. Title

04529

621.3824

M 973 Al-Mushcab, Ramī Talib

1993 Design of adaptive antenna arrays based on element position perturbations/ by Ramī Talib Al-Mushcab, 1993.

xxx, 255 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 251-255.

1.Antenna arrays. 2.Telecommunication. 3. الهوائيات. I. Title

04530

621.382402855

M 725 Al-Mohammed, Mansour Mohammed

1995 Development of a software for calculations and optimization of phased array antenna parameters/ Mansour Mohammed Al-Mohammed, 1415 H, 1995.

vi, 130 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1995. - Bibliography: l. 97-98.

1. Phased array antennas - Computer programs. 2. Antennas (Electronics) - Computer programs. I. Title

04531

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A 19 Adas, Ahmed Abbas Ahmed

1982 Modelling of Ga<sub>x</sub>In<sub>1-x</sub> asy p1-y electrooptic modulators and directional couplers/ by Ahmed Abbas Ahmed Adas, 1982.

xiii, 219 leaves ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1982. - Also available microfiche no. 113. - Bibliography: l. 197-203.

1. Electrooptical devices. 2. Modulators (Electronics). 3. Optical wave guides. 4. Optical communications. 5. الاتصالات البصرية. I. Title

04532

621.3827

B 927 Burmawi, Mohammad Yousoof

1976 Mohammad Yacoob

Resolution and imaging characteristics of a proximity-addressed electro-optic plate/ by Mohammed Yousoof Burmawi, 1976.

67 leaves : ill. ; 29 cm.

- Thesis (M.Sc.) - Massachusetts Institute of Technology, 1976. - Also available microfiche no. 1157. - Bibliography: l. 66-67
1. Electrooptical devices. 2. Electric engineering. 3. Optical communication. 4. Electronics. 5. الاتصالات السلكية واللاسلكية. I. Title
- 04533**
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H 175 Hamdy, Walid  
1988 Performance analysis of retrieval access schemes for optical communication networks with slow and fast tuning/ by Walid Hamdy, 1988.  
64 p. : ill. ; 28 cm.  
Report based on unaltered thesis for M.Sc. in Electrical engineering M.I.T. in may 1988. - Also available microfiche no. 2271. - Bibliography: p. 61-64.  
  1. Optical communications. 2. Telecommunication. 3. Fiber optics. 4. الاتصالات السلكية واللاسلكية. I. Title

**04534**

621.38270151  
M 288 Al-Majid, Majid Jafar  
1994 Method of lines analysis of Gaussian beam coupling to dielectric slab waveguide/ by Majid Jafar Al-Majid, 1994.  
xv, 197 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 191-197.  
  1. Optical communications - Mathematical models. 2. Telecommunication - Mathematical models. 3. Laser communication systems - Mathematical models. 4. الاتصالات السلكية واللاسلكية. I. Title

**04535**

621.38284  
B 22 Banah, Abdulfattah Hashim  
1981 Feynman diagram methods in the transient analysis of acoustic transducers/ by Abdulfattah Hashim Banah, 1981.  
x, 207 leaves ; 28 cm.  
Thesis (Ph.D.) - University of Iowa, 1981. - Also available microfiche no. 2248. - Bibliography: l. 206-207.  
  1. Transducers. 2. Electric apparatus and appliances. 3. Electroacoustic transducers. 4. الاتصالات السلكية واللاسلكية - أجهزة ومعدات. I. Title

**04536**

621.38411  
S 13 Al-Sabey, M.A.  
1992 Spherical wave expansion for scattering by a sphere at a finite distance from a dipole source/ by M.A. Al-Sabey, 1992.  
v, 106, [9] leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of Bradford, 1992. - Includes bibliography at the end.  
  1. Radio frequency. 2. Doppler effect. 3. الراديو. I. Title

**04537**

621.38411  
S 45 Samiuddin, Mohammed  
1994 Communication over fading channels with frequency offsets/ Mohammed Samiuddin, 1994.  
xii, 167 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 163-167.  
  1. Radio waves - Scattering. 2. Radio wave propagation. 3. Telecommunication. 4. Doppler effect. 5. Mobile communication systems. I. Title

**04538**

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S 43 Somarkandy, Mohammad Nasreddin  
1971 The sunset effect on the wireless communication/ Mohammad Nasreddin Samarkandy, 1971.  
ix, 35 leaves : ill. ; 28 cm.  
Thesis (B.Sc.) - University of Riyadh, 1971. - Includes bibliography.  
  1. Radio wave propagation. I. Title

**04539**

621.384135

N 145 Najm, Riyadh K.

1992 Wire-grid modelling of glass-mounted vehicular antennas at VHF/ by Riyadh K. Najm, 1992.

xx, 285 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Liverpool, 1992. - Bibliography: l. 276-85.

1. Antennas (Electronics). 2. Shortwave radio - Antennas. 3. الهوائيات. I. Title

**04540**

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K 115 Al-Kadi, Ibrahim Abdurahman

1984 Automated frequency assignment and spectrum management system : a computer program for developing and developed countries/ Ibrahim Abdurahman Al-Kadi, 1984.

xvii, 303 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Stanford University, 1984. - Includes bibliographical references.

1. Radio frequency - Data processing. 2. FM broadcasting. 3. Radio frequency allocation - Data processing. I. Title

**04541**

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S 52 Al-Semari, Saud Ahmad

1992 Performance of TCM with concatenated codes over fading channels/ by Saud Ahmed Al-Semari, 1992.

xi, 141 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 137-141.

1. Frequency modulation detectors. 2. Frequency response (Electrical engineering). 3. Telecommunication systems. 4. هندسة الاتصالات. I. Title

**04542**

621.3845

A 51 Al-Ahmari, Abdullah Said M.

1994 Effects of diversity combining coding and equalization on digital microcellular

mobile communication systems/ Abdullah Said M. Al-Ahmari, 1994.

x, 121 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 116-121.

1. Mobile communication systems. 2. Telecommunication systems. I. Title

**04543**

621.3845

S 52 Al-Semari, Saud Ahmad

1995 Design and performance of trellis codes for wireless channels/ by Saud Ahmed Al-Semari, 1995

xv, 157 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Maryland, 1995. - Also available microfiche no. 3710. - Bibliography: l. 146-157.

1. Wireless communications systems. 2. Telecommunication systems. 3. Mobile communication systems. 4. Radiotelephone. I. Title

**04544**

621.3845

H 273 Hashem, Bassam Mohamed

1994 Performance analysis of digital modulation schemes used in mobile radio/ Bassam Mohammed Hashem, 1994.

xi, 160 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 155-160.

1. Mobile communication systems. 2. Radiotelephone. 3. Mobile radio stations. I. Title

**04545**

621.3845

N 229 Naveed, Asad

1994 Performance evaluation of mobile communication systems/ Asad Naveed, 1994.

xii, 168 leaves : ill. ; 29 cm.

- Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 159-168.
1. Mobile communication systems - Evaluation. I. Title
- 04546**
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- H 117 Al-Haddad, Munir M.
- 1995 North American European approaches to enhanced digital mobile systems/ Munir M. Alhaddad, 1995.
- xx, 134 leaves : ill. ; 28 cm.
- Thesis (Ph.D.) - Southern Methodist University, 1995. - Also available microfiche no. 3680. - Bibliography: l. 130-134.
1. Mobile communication systems - North America. 2. Digital communications - North America. 3. Mobile communication systems - Europe. 4. Digital communications - Europe. 5. Telecommunication systems - North America. I. Title
- 04547**
- 621.38456
- Om 5 Al-Omim, Ibrahim Fahad
- 1991 The Saudi Arabian cellular system/ by Ibrahim Fahad Alomim, 1991.
- xi, 102 leaves : ill. ; 29 cm.
- Thesis (M.Sc.) - University of Colorado, 1991. - Bibliography: l. 90-91.
1. Cellular radio - Saudi Arabia. 2. Radiotelephone - Saudi Arabia. 3. Mobile communication systems - Saudi Arabia. 4. الهاتف - السعودية. I. Title
- 04548**
- 621.38456
- Q 11 Al-Qahtany, Saleh
- 1995 Design of cellular manufacturing systems in a fuzzy environment/ by Saleh Al-Qahtany, 1995.
- xi, 147 leaves ; 29 cm.
- Thesis (Ph.D.) - Wayne State University, 1995. - Also available microfiche no. 3679. - Bibliography: l. 136-144.
1. Mobile communication systems - Design. 2. Cellular radio - Design. 3. Wireless communication systems. I. Title
- 04549**
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- A 53 Awlia, Mohsen Abdulghani Bakr
- 1990 Performance and traffic capacity study of the set-up multiple access channel of the North American cellular mobile telephone system/ Mohsen Abdulghani Bakr Awlia, 1990.
- xiii, 102 leaves ; 29 cm.
- Thesis (Ph.D.) - Southern Methodist University, 1990. - Bibliography: l. 100-102.
1. Cellular radio - United States. 2. Mobile communication systems - United States. I. Title
- 04550**
- 621.3848
- K 958 Al-Kulaibi, Ali Hamid Ali
- 1993 Adaptive digital recursive MTI filter for phased array radars : design and analysis of discrete and real-time adaptive recursive MIT systems to maximise the improvement factor of the filter/ Ali Hamid Ali Al-Kulaibi, 1993.
- viii, 121, [17], leaves : ill. ; 30 cm.
- Thesis (M.Sc.) - University of Bradford, 1993. - Bibliography: l. 116-120.
1. Moving target indicator radar. 2. Radar - Antennas. 3. Radar receiving apparatus. 4. Recursive functions. I. Title
- 04551**
- 621.3848
- L 138 Al-Lahaidan, Fahad A.
- 1991 Three-dimensional synthetic aperture radar (SAR) imagery : a computer simulation to construct 3-D terrain images../ by Fahad A. Al-Lahaidan, 1991.
- xiii, 304 leaves : ill. ; 28 cm.
- Thesis (Ph.D.) - University of Bradford, 1991. - Bibliography: l. 284-304.
1. Radar - Simulation methods. 2. Radar - Antennas. 3. Radar - Automatic detection. 4. الرادار. I. Title
- 04552**

621.38483

F 221 Al-Faraj, Fahad Nasser

1994 Signal processors for ultrawideband radars/ by Fahad Nasser Al-Faraj, 1994.

vi, 127 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Bradford, 1994. - Bibliography: l. 113-114.

1.Radar - Antennas. 2.Signal processing. 3.Radar - Automatic detection. I. Title

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W 137 Al-Wakeel, Sami Saleh

1983 Development of a distributed routing algorithm for a digital telephony switch/ by Sami Saleh Al-Wakeel, 1983.

xx, 432 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Stanford University, 1983. - Also available microfiche no. 309. - Includes bibliographical references.

1.Telephone switching systems, Electronic. 2.Telephone - Automatic intercept system. 3. الهاتف. I. Title

04554

621.388

A 54 Al-Asmari, Awad Kh.

1991 Sub-band coding of NTSC color images and HDTV images/ by Awad Kh. Al-Asmari, 1991.

xii, 180 leaves ; 29 cm.

Thesis (Ph.D.) - University of Toledo, 1991. - Bibliography: l. 177-180.

1.Television bandwidth compression. 2. التلفزيون. I. Title

04555

621.39

M 898 Al-Mulhem, Abdulaziz Sultan

1994 Hardware specific optimization on RTL descriptions/ by Abdulaziz Sultan Al-Mulhem, 1994.

x, 107 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 104-106.

1.Computer engineering. 2. Computer hardware description languages. 3.Electronic digital computers - Design and construction - Data processing. 4. هندسة الحاسبات الإلكترونية. I. Title

04556

621.39

N 112 Nabulsi, Khalid Ali

1984 Transient scattering from dielectric slabs- solution forms and parametric inverses/ by Khalid Ali Nabulsi, 1984.

xviii, 298 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1984. - Also available microfiche no. 560 - Bibliography: l. 295-298.

1. Computer engineering. 2. Transients (Electricity). 3.Parametric devices. 4.Dielectrics - Optical properties. 5.Dielectrics - Magnetic properties. 6. هندسة الحاسبات الإلكترونية - مؤثرات

04557

621.39

T 84 Tursagi, Mohammed Abdulaziz

1983 The nested cellular arrays to solve large sets of linear 'equations/ by Mohammed Abdulaziz Tursagi, 1983.

vii, 216 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Syracuse University, 1983. - Also available microfiche no. 780. - Bibliography: l. 215-216.

1.Array Processors. 2. Electronic data processing. 3.Computer engineering. 4. هندسة الحاسبات الإلكترونية. I. Title

04558

621.391

M 519 Memon, Atif Muhammed

1995 A system for prototyping optical architectures / by Atif Muhammed Memon, 1995.

5 v. (xlix, 1032 leaves) : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Minerals, 1995. - Contents: v. 1-2. - Contents: v. 1-2. Concepts and design - v. 3. Applications - v. 4.

- Implementation - v. 5. Reference manual.  
- Includes bibliographies.  
1. Optical data processing. 2. Computer architecture. 3. Computers, Optical. I. Title  
**04559**
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S 99 Sayeed, Mohammed Azhar  
1992 Non-uniform reference model in multiple bus multiprocessors/ by Mohammad Azhar Sayeed, 1992.  
ix, 168 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Mineral, 1992. - Bibliography: l. 161-168.  
1. Multiprocessors. 2. Parallel processing (Electronic computers). 3. معالجة البيانات. I. Title  
**04560**
- 621.392  
S 45 Abo Al-Samh, Hatim A.  
1987 Architectural approaches to the design of LISP oriented reduced instruction set machines/ by Hatim A. Abo Alsamh, 1987.  
vi, 150 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Miami, Coral Gables, Florida, 1987. - Also available microfiche no. 1772. - Bibliography: l. 124-126.  
1. LISP (Computer program language).  
2. Reduced instruction set computers.  
3. Computer architecture. 4. حاسبات, أرمجة إلكترونية. I. Title  
**04561**
- 621.392  
K 15 Al-Kasabi, Saad  
1995 Design and analysis of a dynamically reconfigurable switch for high-speed networks/ by Saad AlKasabi, 1995.  
x, 203 leaves : ill. ; 31 cm.  
Thesis (Ph.D.) - Syracuse University, 1995. - Also available microfiche no. 3736. - Bibliography: l. 194-202.  
1. Packet switching (Data transmission).  
2. Wide area networks (Computer networks).  
3. High performance computing. 4. Field programmable gate arrays. I. Title  
**04562**
- 621.392  
S 23 Al-Sharif, Massoud Mohammed  
1983 Functional level simulator for universal AHPL/ by Massoud Mohammed Al-Sharif, 1983.  
ix, 111 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Arizona, 1983. - Also available microfiche no. 1891. - Bibliography: l. 110-111.  
1. Universal AHPL (Computer program language). 2. Computer hardware description languages. 3. الحاسبات الإلكترونية. I. Title  
**04563**
- 621.392  
S 46 Al-Sukhani, Hassan Fakhri  
1994 A C-based high level synthesis system/ by Hassan Fakhri Al-Sukhani, 1994.  
x, 144 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 139-144.  
1. Computer engineering. 2. System design. 3. Systems engineering. 4. هندسة الحاسبات الإلكترونية. I. Title  
**04564**
- 621.392  
K 527 Khan, Muhammad Maroof  
1994 New algorithms for cluster analysis/ Mohammed Maroof Khan, 1994.  
xii, 205 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 199-205.  
1. Cluster analysis. 2. Fuzzy algorithms. 3. Systems engineering. I. Title  
**04565**
- 621.392  
M 396 Masud-ul-Hasan  
1993 Back-end design of a formal high level synthesis system/ by Masud-ul-Hasan, 1993.  
xiv, 94 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 85-92.

1. Computer engineering. 2. Computer architecture. 3. System design. 4. هندسة الحاسبات الإلكترونية. I. Title

**04566**

621.392

T 18 Tasadduq, Imran Ali

1994 Nonlinear plant control using neural networks : a design procedure through linearization/ by Imran Ali Tasadduq, 1994.

xi, 105 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 100-05.

1. Neural networks (Computer science). 2. Neural computers - Design. 3. Computer engineering. 4. Systems engineering. 5. هندسة الحاسبات الإلكترونية. I. Title

**04567**

621.395

S 32 Abu-Saleh, Hazem Muhebbadin Ahmed

1995 Naji

Autovlsi system : a layout system for general-cell VLSI design/ by Hazem Muhebbadin Ahmed Naji Abu-Saleh, 1995.

x, 149 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 146-148.

1. Integrated circuits - Very large scale integration. 2. Systolic array circuits. 3. Computer engineering. 4. Computer hardware description languages. 5. Electronic digital computers. I. Title

**04568**

621.395

D 36 Al-Deeb, Mohamed Mahdy

1992 A fault independent test generation method for combinational logic circuits/ by Mohamed Mahdy Al-Deeb, 1992.

xiii, 161 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 154-161.

1. Logic circuits. 2. الدوائر الإلكترونية. I. Title

**04569**

621.395

F 241 Al-Farra, Khalid Jawdat Kamel

1995 Timing driven floorplanning/ by Khalid Jawdat Kamel Al-Farra, 1995.

xiii, 121 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Arabic abstracts. - Bibliography: l. 114-120.

1. Integrated circuits - Very large scale integration. 2. Computer engineering. I. Title

**04570**

621.395

H 88 Al-Humalgani, Muhammad Abdallah,

1995 (1969-)

A formal VLSI parallel description and design environment/ Muhammad Abdallah Al-Humalgani, 1995.

xiv, 144 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 138-144.

1. Integrated circuits - Very large scale integration. 2. Parallel processing (Electronic computers). 3. Computer engineering. I. Title

**04571**

621.395

K 527 Al-Khateeb, Deyaa Lutfi Karim

1981 A study of NOR/NAND networks/ by Deyaa Lutfi Karim Alkhateeb, 1981.

v, 305 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Illinois at Urbana-Champaign, 1981. - Also available microfiche no. 543. - Bibliography: l. 303-304.

1. Logic design. 2. Logic circuits. 3. Computer engineering. 4. هندسة الحاسبات الإلكترونية. I. Title

**04572**

621.395

A 35 Ashenkite, Mohamed Alamin S.

1994 Graph-theoretical approach to placement and routing problems in very large scale integration design/ by Mohamed Alamin S. Ashenkite, 1994.

- xi, 183 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Illinois at Chicago, 1994. - Bibliography: l. 173-182.  
1. Integrated circuits - Very large scale integration 2. Electronic circuits. I. Title  
**04573**
- 621.395  
B 41 Belal, Raffed  
1993 An area efficient FPGA : design using volatile RAM/ by Raffed Belal ,1993.  
xiii, 108 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 104-107.  
1.Integrated circuits - Computer programs. 2.Application specific integrated circuits. 3. Gate array circuits - Computer programs. 4. الحاسبات الإلكترونية. I. Title  
**04574**
- 621.395  
F 238 Farooqui, Aamir Alam  
1995 Design, modeling, and VLSI implementation of a RISC dataflow array processor/ by Aamir Alam Farooqui, 1995.  
x, 132 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 127-131.  
1. Integrated circuits - Very large scale integration. 2. Array Processors. 3.Computer engineering. I. Title  
**04575**
- 621.395  
H 27 Hasan, Muhammad Nayyar  
1995 On the synthesis and optimization of MVL functions/ by Muhammad Nayyar Hasan, 1995.  
xvii, 170 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 162-169.  
1.Many-valued logic - Data processing. 2. Propositional calculus - Data processing. 3. Logic circuits. 4. Logic design. 5. Computer engineering. I. Title  
**04576**
- 621.395  
H 273 Hashmi, Amir  
1995 Timing driven global routing for standard cell design/ by Amir Hashmi, 1995.  
xi, 99 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - With abstract in Arabic. - Bibliography: l. 92-98.  
1.Integrated circuits - Very large scale integration. 2. Timing circuits. I.Title  
**04577**
- 621.395  
K 526 Khalid, Muhammad Abdul Aziz  
1994 A framework for the VLSI implementation of systolic tree based data structures/ Mohammed Abdul Aziz Khalid, 1994.  
x, 106 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 103-106.  
1. Systolic array circuits. 2. Integrated circuits - Very large scale integration. 3.Computer engineering. 4. Data structures (Computer science). I. Title  
**04578**
- 621.395  
K 527 Khan, Mohammed Shahid Tanvir ,  
(1969-)  
1994 Genetic algorithm for timing influenced floorplanning of VLSI designs/ Mohammed Shahid Tanvir Khan, 1994.  
xiv, 118 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 110-117.  
1. Integrated circuits - Very large scale integration. 2.Algorithms . 3.Computer engineering. I. Title  
**04579**



621.395

N 187 Nassar, Khaled Muhammad Walid

1994 Timing driven placement algorithm for standard-cell design/ by Khaled Muhammad Walid Nassar, 1994.

xvii, 129 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and minerals, 1994. - Bibliography: l. 125-28.

1. Computer engineering. 2. Computers - Circuits - Mathematical models. 3. Timing Driven Genetic Algorithm for Placement (Computer program). 4. Timing circuits. 5. هندسة الحاسبات الإلكترونية. I. Title

04580

621.397

D 444 Al-D, Alwaleed

1984 A cellular logic and memory array for a concurrent close-match search of character strings/ by Alwaleed Aldereyaane, 1984.

43 leaves ; 28 cm.

Thesis (M.Sc.) - University of Wisconsin-Milwaukee, 1984. Also available microfiche no. 1888. - Bibliography: l. 43.

1. Cellular automata. 2. Virtual storage (Computer science). 3. Computer engineering. 4. هندسة الحاسبات الإلكترونية. I. Title

04581

621.397

Oq 1 Al-Oqeely, Mohammed

1995 Sequencers : a new alternative for data path synthesis/ by Mohammed Aloqeely, 1995.

xi, 144 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Syracuse University, 1995. - Also available microfiche no. 3637. - Bibliography: l. 134-144.

1. Computer storage devices. 2. Registers (Computers). I. Title

04582

621.397

D 72 Dooh, Ibrahim S.

1973 Digital computer memory devices/ by Ibrahim S. Dooh, 1973.

v, 63 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Arizona State University, 1973. - Also available microfiche no. 1025. - Bibliography: l. 63.

1. Computer engineering. 2. Computer storage devices. 3. هندسة الحاسبات الإلكترونية. I. Title

04583

621.397

T 13 Taha, Taha Asaad

1982 The design of a memory array for concurrent close-match search and VLSI implementation/ by Taha Asaad Taha, 1982.

42 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Wisconsin-Milwaukee, 1982. - Also available microfiche no. 1534. - Bibliography: l. 42.

1. Memory hierarchy (Computer science). 2. Computer storage devices. 3. Computer engineering. 4. الحاسبات الإلكترونية. - I. Title

04584

621.3973

R 863 Al-Rumaih, Rumaih M.

1995 Analysis of random-access systems with multi-user coding/ Rumaih M. Al-Rumaih, 1995.

xii, 131 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1995. - Bibliography: l. 120-123.

1. Random access storage. 2. Computer storage devices. I. Title

04585

621.3973

Z 13 Al-Zahrani, Fahad M.

1993 On-chip TEC-QED ECC for Ultra-large, single-chip memory systems/ by Fahad M. Alzahrani, 1993.

ix, 72, [39] leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Colorado State University, 1993. - Also available microfiche no. 3359. - Bibliography: l. 69-72.

- 1.Integrated circuits - Design and construction. 2.Memory management (Computer science). 3. Memory hierarchy (Computer science). 4. Computer engineering. 5. هندسة الحاسبات الإلكترونية. I. Title
- 04586**
- 621.398  
G 341 Al-Ghamdi, Saleh  
1993 An investigation into the theory and design of fail-silent processors for use in a reconfigurable distributed computer system/ Saleh Alghamdi,1993.  
xvi, 157 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Manchester, 1993. - Bibliography: l. 152-157.  
1.Computer engineering. 2.Error-correcting codes (Information theory). I. Title
- 04587**
- 621.3981  
A 47 Akhtar, Mohammad Shahed  
1992 Performance of multistage interconnection networks under non-uniform reference model/ by Mohammad Shahed Akhtar,1992.  
xxiv, 324 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 251-56.  
1.Communication - Network analysis.  
2.Computer networks - Evaluation.  
3.Interconnected electric utility systems. 4. الاتصالات السلكية واللاسلكية I. Title
- 04588**
- 621.3981  
M 458 Al-Mazyad, Abdulaziz S.  
1995 Performance evaluation of switch-based high speed networks/ by Abdulaziz S. Almazayad,1995.  
xi, 166 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Syracuse University, 1995. - Bibliography: l. 156-166.  
1. Computer engineering. 2. Computer network architecture. 3. Computer networks. 4. Computers - Circuits. I. Title
- 04589**
- 621.3981  
Z 75 Al-Zoman, Abdulaziz Hamad  
1995 Performance evaluation of data communications protocols used with non-conventional channel media/ Abdulaziz Hamad Al-Zoman,1995.  
xx, 254 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of New Brunswick, 1995. - Bibliography: l. 164-170.  
1.Data transmission systems.  
2.Telecommunication systems. I. Title
- 04590**
- 621.3981  
A 35 Ashenkite, Mohamed Alamin S.  
1981 Unified theory on the analysis and synthesis of oriented communication nets/ by Mohamed A.S. Ashenkite,1981.  
iv, 213 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Ohio University, 1981. - Also available microfiche no. 405. - Bibliography: l. 201-213.  
1.Communication - Network analysis.  
2. اللاسلكية و السلكية الاتصالات. I. Title
- 04591**
- 621.3981  
F 12 Faddah, Wasim Tawfik Sulman  
1992 Development of a DSP-32C based electrocardiograph machine using microcomputers/ by Wasim Tawfik Sulaiman Faddah,1992.  
xiii, 184 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Mineral, 1992. - Bibliography: l.178-185. - Includes index.  
1.Electrocardiograph - Digital technique.  
2. Electrocardiography - Data processing. I. Title
- 04592**
- 621.3985  
T 543 Tiwana, Rizwan Ali  
1994 A PC-based system for the determination of harmonics and intermodulation products in nonlinear circuits/ by Rizwan Ali Tiwana, 1994.

- ix, 89 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 85-88.  
1. Computer input-output equipment. 2. Computer storage devices. 3. Amplifiers (Electronics). 4. Electronic circuits. I. Title  
**04593**
- 621.402  
N 655 Nizami, Syed Shah Ali Khasim Javeed  
1994 Control of hypersonic flight trajectories to minimize heat load/ by S.S.A.K. Javeed Nizami, 1994.  
xv, 167 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 161-66.  
1. Heat engineering. 2. Hypersonic planes - Heating and ventilation - Control. 3. Mechanical engineering. 4. الهندسة الحرارية. I. Title  
**04594**
- 621.402011  
A 81 Al-Ansari, Jasem Mohammad  
1980 High temperature thermal energy storage in aquifers with a solar power plant application/ by Jasem Mohammad Al-Ansari, 1980.  
xv, 190 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Alabama, 1980. - Also available microfiche no. 519. - Bibliography: l. 188-190.  
1. Heat Storage. 2. Solar power plants. 3. Geothermal engineering. 4. الهندسة الحرارية. I. Title  
**04595**
- 621.4021  
A 41 Al-Ali, Habib Hussain  
1988 Simultaneously developing laminar flow and heat transfer in the entrance region of flat and circular conduits/ by Habib Hussain Al-Ali, 1988.  
xvi, 362 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Colorado School of Mines, 1988. - Bibliography: l. 254-260.  
1. Laminar flow. 2. Fluid dynamics. 3. Heat - Transmission. 4. Thermo-dynamics. I. Title  
**04596**
- 621.4021  
S 13 Sabbagh, Jafar Abdul-Arrahman  
1970 Flow with superimposed oscillation in rectangular duct/ Jafar Abdul-Arrahman Sabbagh, 1970.  
viii, 157 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Cornell University, 1970. - Bibliography: l. 154-157.  
1. Laminar flow. 2. Fluid dynamics. 3. Heat - Transmission. 4. Thermo-dynamics. I. Title  
**04597**
- 621.4022  
F 225 Al-Farhan, Bakhit F.  
1975 Influence of heat transfer on the thermomigration through solids/ by Bakhit F. Al-Farhan, 1975.  
vi, 128 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Pennsylvania State University, 1975. - Also available microfiche no. 1614. - Bibliography: l. 126-128.  
1. Heat - Transmission. 2. Heat engineering. 3. الهندسة الحرارية. I. Title  
**04598**
- 621.4022  
G 341 Al-Ghamdi, Abdullah Saeed  
1993 Experimental and numerical study of a doubly-diffusive flow subjected to combined heating and shear/ by Abdullah Saeed Al-Ghamdi, 1993.  
xviii, 202 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Colorado State University, 1993. - Also available microfiche no. 3193. - Bibliography: l. 164-173.  
1. Heating - Experiments. 2. Shear flow - Mathematical models. 3. Thermal diffusivity. 4. Heat engineering. 5. الحرارية. I. Title  
**04599**

621.4022

K 122 Al-Kahtani, Saad A.

1995 Studies of heat and mass transfer from a rotating disk with and without an imposed axial flow/ Saad A. Al-Kahtani, 1995.

220 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Manchester, 1995. - Bibliography: l. 177-183.

1.Heat - Transmission. 2. Mass transfer. I. Title

04600

621.4022

R 112 Al-Rabghi, Omar M.

1988 Radiative heat transfer characteristics of small particles/gas mixtures/ Omar M. Al-Rabghi, 1988.

xviii, 116 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, 1988. - Bibliography: l. 113-116.

1. Heat - Radiation and absorption .  
2.Radiative transfer. 3.Heat - Transmission.  
I. Title

04601

621.4022

T 847 Al-Turki, Abdallah Mohamad

1984 Radiative and convective heat transfer in a cylindrical enclosure for flow of a gas-soot mixture/ Abdallah M. Al-Turki, 1984.

xiii, 171 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Iowa, 1984. - Bibliography: l. 115-121.

1. Heat - Radiation and absorption .  
2. Gas flow. 3. Heat - Convection. 4. Heat - Transmission. I. Title

04602

621.4022

T 847 Al-Turki, Abdallah Mohamad

1981 Radiative and convective transfer for laminar flow of a gray gas in a cylindrical enclosure/ by Abdallah Mohammad Al-Turki, 1981.

viii, 68 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Iowa, 1981. - Also available microfiche no. 1616. - Bibliography: l. 52-53.

1. Heat - Radiation and absorption .  
2. Gas flow. 3. Heat - Convection. 4. Heat - Transmission. 5. الهندسة الحرارية. I. Title

04603

621.4022

F 179 Fakeeha, Anis Hamza

1978 Boiling heat transfer on a vertical surface/ by Anis H. Fakeeha, 1978.

viii, 88 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Kansas, 1978. - Bibliography: l. 48-49.

1.Heat - Convection. 2.Heat - Transmission. I. Title

04604

621.4022

M 729 Mokheimer, Esmail Mohamed Ali

1995 Heat transfer in eccentric annuli/ by Esmail Mohamed Ali Mokheimer, 1995.

xiv, 350 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 340-350.

1. Heat - Transmission. 2. Heat - Conduction. 3. Heat - Convection. I. Title

04605

621.4022

Ol 9 Olwi, Ibrahim Ali

1980 A numerical investigation of the effect of prandtl number on natural convection in volumetrically heated fluid layer/ Ibrahim Ali Olwi, 1980.

xiii, 99 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Ohio State University, 1980. - Bibliography: l. 95-99.

1. Heat - Convection, Natural. 2.Fluid dynamics. 3. Heat - Transmission. I. Title

04606

621.4022

S 13 Siddique, Ikram-ul-Haq

1995 Calculations of turbulent flow and heat transfer in periodically converging-

diverging channels/ by Ikram-UI-Haq Siddique, 1995.

xviii, 132 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 117-131.

1.Heat - Transmission - Measurement. 2.Fluid dynamic measurements. 3.Fluid dynamics. 4.Turbulence. I. Title

**04607**

621.40220285

S 92 Shuja, Shahzada Zaman

1993 Calculations of fluid flow and heat transfer in expanding ducts/ by Shahzada Zaman Shuja, 1993.

xviii, 169 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 145-168.

1.Fluid dynamics - Computer programs. 2.Fluid dynamic measurements. 3.Heat - Transmission - Computer programs. 4.Heat - Transmission - Measurement. I. Title

**04608**

621.4023

H 172 Abu-al-Hamayel, Habib I.

1981 Structure of laminar premixed flames of methane, methanol and their blends in Oxygen/ by Habib I. Aualhamayel, 1981.

xvi, 129 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1981. - Also available microfiche no. 356. - Bibliography: l. 118-124.

1. Combustion engineering. 2. Flame. 3. Combustion gases. 4. الحرق. I. Title

**04609**

621.4023

F 28 Al-Fawaz, Abdullah Daifullah

1994 High efficiency, low emission oil and gas-fired industrial combustors/ by Abdullah Daifullah Al-Fawaz, 1994.

ix, 265 leaves : ill. (Some col.) ; 30 cm.

Thesis (Ph.D.) - University of Leeds, 1994. - Bibliography: l. 271-281.

1.Combustion engineering. 2.Combustion chambers. 3.Furnaces - Combustion. I. Title

**04610**

621.4025

L 522 Al-Left, Ahmed Abbas

1985 An experimental study on gravity-assisted heat pipes/ by Ahmed Abbas Al-Left, 1985.

xix, 115 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of New Mexico, 1985. - Bibliography: l. 112-115.

1. Heat pipes. 2. Heat engineering. 3. الهندسة الحرارية. I. Title

**04611**

621.4025

Z 13 Al-Zakri, Abdullah Sulaiman

1977 Estimation of performance of shell and tube heat exchanger systems when uncertainties exist/ by Abdullah Sulaiman Al-Zakri, 1977.

xi, 221 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Oklahoma State University, Ames, 1977. - Also available microfiche no. 144. - Bibliography: l. 106-107.

1. Heat exchangers. 2. الحرارية. I. Title

**04612**

621.4025

K 527 Khawaji, Akili D.

1981 Heat transfer between two immiscible liquids in a direct-contact liquid-liquid cross flow heat exchanger/ by Akili D. Khawaji, 1981.

v, 211 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, 1981. - Also available microfiche no. 255. - Bibliography: l. 46-50.

1.Heat exchangers. 2.Heat engineering. 3. Heat - Transmission. 4. الحرارة. I. Title

**04613**

621.4025

L 184 Lamfon, Nezar Jamil

1993 Waste heat recovery from gas turbines using heat pipe heat exchangers/ by Nezar Jamil Lamfon, 1993.

xxi, 341 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdul-aziz University, 1993. - Bibliography: l. 223-235.

1. Heat exchangers. 2. Gas-turbines. 3. التوربينات الغازية. I. Title

**04614**

621.4025

M 319 Manzoor-ul-Haq

1995 Reliability-based maintenance strategies for heat exchangers subject to fouling/ by Manzoor-Ul-Haq, 1995.

xv, 161 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 148-160.

1. Heat exchangers. 2. Gas-turbines. I. Title

**04615**

621.406

A 52 Ahmed, Muhammad Naweed

1995 Computational study of the flowfield through a cascade of NACA 0012 airfoils/ by Muhammad Naweed Ahmed, 1995.

xv, 118 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 111-117.

1. Cascades (Fluid dynamics). 2. Aerodynamics. 3. Turbomachines. 4. Aerofoils. I. Title

**04616**

621.433

S 13 Sabbagh, Jafar Abdul-Arrahman

1966 An analysis of the gas turbine to determine the limit of maximum capacity/ by Jafar Abdul-Arrahman Sabbagh, 1966.

vi, 133 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Cornell University,

1966. - Also available microfiche no.

1185. - Bibliography: l. 132-133.

1. Gas-turbines. 2. Gas-turbines - Combustion. 3. التوربينات الغازية. I. Title

**04617**

621.437

N 145 Najjar, Ismail M.R.I.

1993 Cylindricity evaluation by multi-start helical scanning method/ by Ismail R.I. Najjar, 1993.

ca 185 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Includes bibliography.

1. Cylinders. 3. Internal combustion engines - Cylinders. 4. Mechanical engineering. I. Title

**04618**

621.437

S 41 Shehata, Ali Abdul-Aziz Mohammad

1994 Mixed convection from a horizontal cylinder rotating in a cooling cross-stream/ Ali Abdul-Aziz Mohammed Shehata, 1994.

xiii, 130 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 66-69.

1. Internal combustion engines - Cylinders. 2. Cylinders. 3. Heat engineering. I. Title

**04619**

621.453

B 661 Boudi, Adnan

1995 Vertical rotor design for windmill utilization / by Adnan Boudi, 1995.

55, [8] leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Florida Institute of Technology, 1995. - Also available microfiche no. 3655. - Bibliography: l. 53-54.

1. Windmills - Design. 2. Air-turbines - Design. 3. Rotors. I. Title

**04620**

621.46

A 71 Alolah, Abdulrahman Ib.

1986 Microprocessor controlled three-phase inverter for variable-speed induction motor drive/ Abdulrahman Ib. Alolah, 1986.

ix, 175 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Bradford, 1986. - Bibliography: l. 154-159.

1. Electric motors, Induction - Automatic control. 2. Microprocessors. 3. Electric inverters. I. Title

**04621**

621.46

S 51 Al-Sulaiman, Mansour Mohammed

1980 Effect of shaft torsional dynamics on induction machine stability at high slip/ by Mansour Mohammed Al-Sulaiman, 1980.

iv, 126 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Wisconsin-Madison, 1980. - Also available microfiche no. 1624. - Bibliography: l. 124-125.

1. Electric motors, Induction. 2. Torsion. 3. اهتزازات. I. Title

**04622**

621.47

B 329 Bawardy, M.S.

1974 Design of solar flat plate heat collector with natural circulation/ by M.S. Bawardy, 1974.

145 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Loyola University of Los Angeles, 1974. - Also available microfiche no. 145.

1. Solar collectors. 2. Solar energy. 3. الطاقة الشمسية. I. Title

**04623**

621.47

M 896 Mujahid, Abdulaziz Mohammad

1981 Analysis and modeling of solar energy data from the Mississippi County Community College site, Blytheville, Arkansas/ by Abdulaziz Mohammad Mujahid, 1981.

xi, 160 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arkansas, 1981. - Also available microfiche no. 1040. - Bibliography: l. 131-138.

1. Solar energy - Data processing. 2. Solar radiation - Data processing. 3. Solar energy - Research - Data processing. 4. Photovoltaic power generation. 5. الطاقة الشمسية. I. Title

**04624**

621.47

M 896 Mujahid, Abdulaziz Mohammad

1976 Solar heating comparison of theory and experiment/ by Abdulaziz M. Mujahid, 1976.

iv, 71 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Carnegie - Mellon University, Pittsburgh, 1976. - Also available microfiche no. 1206. - Bibliography: l. 62.

1. Solar heating. 2. الطاقة الشمسية. I. Title

**04625**

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F 221 Abo Al-Faraj, Tareq Ghalib

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S 24 Al-Sharqawi, Hassan Siraj

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J 216 Talal, Abdulaziz M.

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A 78 Al-Amri, Abdullah M.

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A 52 Ahmed, Neaz

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**04681**

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S 23 Al-Sharif, Abdulmajid M.A.

1992 Hydrodynamic lubrication with emulsion/ by Abdulmajid M. A. Al-Sharif, 1992.

xiv, 108 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1992. - Bibliography: l. 102-108.

1. Lubrication and lubricants industry. 2. Lubrication systems. 3. التشحيم. I. Title

**04682**

621.9003

D 561 Dictionary of production engineering

1989 terminology/ prepared by Ahmad Fouad Rashid, ...[et al.] - Jeddah: King Abdulaziz University, 1989-90. v. : ill. ; 24 cm.

Contents: v. 1. Measurements - v. 2.

Metal cutting and machining - v.3, metal forming and casting. - 15 pages of Arabic-English vocabulary. - library has three copies of vol. 1 and five copies of vol. 2. - Compiler name is transliterated from Arabic

1. Engineering - Equipment and supplies - Dictionaries. 2. Tools - Dictionaries. 3. هندسة الاتّاج - معاجم. I. Rashid, Ahmad Fouad, comp. II. Title : معجم مصطلحات هندسة الاتّاج. القياسات

**04683**

621.93

K 527 Khany, Sirajiddin Elyas

1993 Weibull analysis of cutting tools and dies/ by Sirajuddin Elyas Khany, 1993.

xvii, 181 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 172-181.

1. Cutting. 2. Dies (Metal-working). 3. Tool and die industry. 4. Cutting machines. I. Title

**04684**

621.977

G 341 Al-Ghamdi, Fareed Ahmed

1995 Mechanical properties and microstructural investigation of diluted weld metal between two dissimilar steels/ by Fareed Ahmed Alghamdi, 1416 H, 1995.

v, 101, [11] leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1995. - With Arabic summary and title at end paper. المفروض الميكانيكية والفحص المجهري لمنطقة امتزاج اللحام بين نوعين مختلفين من الفولاذ.

1. Steel, Welding. 2. Metals, Weldability. 3. Welding. I. Title II. Title : المفروض الميكانيكية والفحص المجهري لمنطقة امتزاج اللحام بين نوعين مختلفين من الفولاذ.

**04685**



621.984

**A 42 Asif, Mohammed**

1995 Assessment, prediction and enhancement of the reliability of extrusion dies/ by Mohammed Asif, 1995

xxiii, 209 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 203-208.

1. Dies (Metal-working). I. Title

**04686**

621.984

**B 98 Butt, Rasheed Ahmed**

1994 Design of composite die for wire drawing/ by Rasheed Ahmed Butt, 1994.

xiii, 126 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 119-125.

1. Die-casting. 2. Drawing (Metal work). 3. Dies (Metal-working). I. Title

**04687**

622

**J 936 Al-Juhani, Mohammad S. M.**

1994 Long-term underground mining sequence planning using dynamic programming/ by Mohammad S.M. Al-Juhani, 1994.

x, 236 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - West Virginia University, 1994. - Bibliography: l. 147-151.

1. Mineral industries - Planning. 2. Mineral industries - Automation. 3. Mineral industries - Finance. 4. Mining engineering. I. Title

**04688**

622

**Z 83 Zugail, Salah A.**

1990 Blasthole deviation problems and measurements at Henderson Mine, Bertho Falls, Colorado/ by Salah A. Zugail, 1990.

xviii, 202 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Colorado School of Mines, 1991. - Bibliography: l. 120-123.

1. Mining engineering. 2. Drilling and boring. 3. Oil well drilling. 4. هندسة المناجم. I. Title

**04689**

622.028

**M 272 Al-Maghrabi, Mohammednoor Naher**

1986 Mining equipment replacement analysis : a case study/ by Mohammad Noor Naher Al-Maghrabi, 1986.

vii, 134 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - South Dakota School of Mines and Technology, 1986. - Also available microfiche no. 2196. - Bibliography: l. 58-60.

1. Mining engineering - Equipment and supplies - Analysis. 2. Mining machinery - Valuation. 3. هندسة المناجم. I. Title

**04690**

622.1592

**M 724 Al-Moghrabi, Hamzah Abdulgader**

1983 Reflection and refraction of acoustic waves at a plane interface/ Hamzah Abdulgader Almoghrabi, 1983.

xi, 173 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Oklahoma State University, 1983. - Bibliography: l. 164-165.

1. Seismic prospecting. 2. Seismic reflection method. 3. Seismic refraction method. I. Title

**04691**

622.23

**D 259 Darwish, Mahmoud Ali**

1984 Energy and new surface area in blasting design/ by Mahmoud Ali Darwish, 1984.

xiii, 173 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - West Virginia University, 1984. - Also available microfiche no. 465. - Bibliography: l. 105-110.

1. Blasting. 2. Mining engineering. 3. Explosives. 4. التدمير. I. Title

**04692**

622.23

N 145 Najashi, Abdullah I.

1979 Evaluation of different methods of coolant application in drilling/ by Abdullah I. Najashi, 1979.

xiii, 131 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Purdue University, 1979. - Also available microfiche no. 1859. - Bibliography: l. 110-111.

1. Boring - Evaluation. 2. Boring machinery. 3. آبار - آبار. I. Title

04693

622.25

M 264 Al-Madhoun, Ibrahim Hasan

1981 Behavior of underground lined circular shafts/ Ibrahim Hasan Almadhoun, 1981.

xi, 148 p. : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1981. - Bibliography: l. 145-148.

1. Mine shafts. 2. Shafts (excavations).

I. Title

04694

622.290151

E 91 Eitanl, Ibrahim M.

1981 An application of the finite element method for simulation of underground excavations and support systems/ Ibrahim M. Eitanl, 1981.

xiv, 311 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Virginia Polytechnic Institute and State University, 1981. - Bibliography: l. 188-193.

1. Excavation. 2. Finite element method.

I. Title

04695

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H 31 Al-Hawas, Ibrahim A.M.

1989 Clay mineralogy and soil classification of alluvial and upland soils associated with blackwater and nontoway rivers in southeastern Virginia/ by Ibrahim A.M. Al-Hawas, 1989.

xii, 136 leaves : ill, map. ; 28 cm.

Saudi Arabian Educational Mission, Washington, D.C. Royal Embassy of Saudi Arabia. - Bibliography: l. 72-76.

1. Mineralogy - Virginia. 2. Alluvial streams - Virginia. 3. Clay minerals - Virginia. 4. Soils - Classification. 5. التربة. I. Title

04696

622.338

K 857 Al-Kraishi, Abdulrahman Ali

1993 The effect of viscosity ratio on relative permeability measurements/ by Abdulrahman Ali Al-Kraishi, 1993.

xv, 120 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Pennsylvania State University, 1993. - Also available microfiche no. 3155. - Bibliography: l. 110-120.

1. Petroleum engineering. 2. Petroleum - Viscosity. 3. Natural gas - Viscosity. 4. هندسة البترول. I. Title

04697

622.338

S 32 Saleh, Al-Ubaid Abdulrahman

1980 Dispersion coefficients in packed beds: an experimental study/ by Al-Ubaid Abdulrahman Saleh, 1980.

xi, 151 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of California, 1980. - Also available microfiche no. 1664. - Bibliography: l. 148-149.

1. Petroleum engineering. 2. Petroleum - Geology. 3. هندسة البترول. I. Title

04698

622.3381

A 11 Al-Awad, Musaed Naser J.

1994 Physico - chemical analysis of shale drilling fluid interaction and its application in borehole stability studies/ by Musaed Naser J. Al-Awad, 1994.

xxxiii, 370 p. : ill. ; 30 cm.

Thesis (Ph.D.) - Heriowatt University, 1994. - Bibliography: l. 306-319.

1. Petroleum engineering. 2. Drilling and boring. 3. Oil well drilling. I. Title

04699

622.3381

M 69 Al-Misned, Omar Abdulaziz

1993 Construction of a coal-bed methane simulator with nitrogen injection capability/ by Omar A. Almisned, 1993.

xii, 148 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Mississippi State University, 1993. - Also available microfiche no. 3418. - Bibliography: l. 40-54.

1. Natural gas - Prospecting. 2. Gas reservoirs. 3. Gas extraction. 4. الغاز الطبيعي - بحث وتنقيب. I. Title

04700

622.3382

F 791 Al-Fossail, Khalid Abdulla

1986 Factors affecting residual wetting phase saturation/ Khalid Abdulla Al Fossail, 1986.

xiv, 150 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Southern California, 1986. - Also available microfiche no. 550. - Bibliography: l. 142-147.

1. Wetting. 2. Oil saturation in reservoirs. 3. Capillarity. 4. Viscosity. 5. حقل - البترول. I. Title

04701

622.3382

H 273 Al-Hashim, Hasan S.

1982 The Effect of finite conductivity vertical fracture and trubulent flow on the transport pressure behavior of fractured gas wells/ by Hasan S. Al-Hashim, 1982.

xviii, 216 leaves : il. ; 29 cm.

Thesis (Ph.D.) - Colorado School of Mines, 1982. - Also available microfiche no. 387. - Bibliography: l. 172-178.

1. Gas wells - Blowouts. 2. Natural gas - Prospecting. 3. استخراج. I. Title

04702

622.3382

J 339 Al-Jaziri, Abdul Karim Mohammad

1995 Experimental investigation of various physical factors affecting the stability of water-in-oil emulsions in oil

production/ Abdul Karim Mohammad Al-Jaziri, 1995.

xi, 90 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 82-86.

1. Petroleum engineering. 2. Oil field flooding. 3. Oil separation in reservoirs. I. Title

04703

622.3382

M 337 Al-Marhoun, Muhammad Ali

1978 Optimal numerical procedure to solve two-dimensional three-phase petroleum reservoir simulator/ by Muhammad Ali Al-Marhoun, 1978.

viii, 187 leaves ; 29 cm.

Thesis (Ph.D.) - The University of Oklahoma, 1978. - Also available microfiche no. 800. - Bibliography: l. 136-38.

1. Oil saturation in reservoir - Mathematical models. 2. Reservoir oil pressure - Mathematical models. 3. Reservoirs - Simulation methods. 4. حقل - البترول. I. Title

04704

622.3382

N 188 Al-Nassir, Abdul Rahman

1972 The effect of interfacial tension on waterflood oil recovery/ by Abdul Rahman El- Nassir, 1972.

x, 153 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Southern California, 1972. - Also available microfiche no. 229. - Bibliography: l. 134-137.

1. Oil field flooding. 2. Oil fields - Production methods. 3. Oil reservoir engineering. 4. البترول - حقل. I. Title

04705

622.3382

Ot 1 Al-Otaibi, Saud Sultan

1992 Factors affecting pseudo relative permeability curves/ by Saud Sultan Al-Otaibi, 1992.

xi, 132 leaves : ill. ; 29 cm.

- Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 96-99.
1. Permeability. 2. Oil saturation in reservoirs. 3. Oil reservoir engineering. 4. حقول - حقول. I. Title
- 04706**
- 622.3382  
S 15 Al-Saddique, Mohammed Abdurrahman  
1994 Reservoir behavior during boundary-dominated two-phase flow : a dissertation/ Mohammed Abdurrahman Al-Saddique, 1994.  
xviii, 178 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Texas A and M University, 1994. - Bibliography: l. 176-177.  
1. Oil saturation in reservoirs. 2. Oil reservoir engineering. 3. Petroleum engineering. I. Title
- 04707**
- 622.3382  
S 32 Al-Seehati, Saleh A.  
1979 Numerical simulation of the micellar-polymer slug process for a one-dimensional, two phase and four-component system with interphase mass transfer/ by Saleh A. Al-Seehati, 1979.  
xvi, 164 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Pennsylvania State University, 1979. - Also available microfiche no. 316. - Bibliography: l. 116-118.  
1. Oil field flooding. 2. Secondary recovery of oil. 3. Polymer solutions. 4. Mass transfer. 5. حقول. I. Title
- 04708**
- 622.3382  
S 41 Al-Shehri, Dhafer Abdullah  
1994 A study in the dynamic kill for the control of induced surface blowouts/ Dhafer Abdullah Al-Shehri, 1994.  
xvi, 159 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - Texas A and M University, 1994. - Bibliography: l. 110-116.
1. Oil wells - Fire and fire prevention.
  2. Oil wells - Blowouts. 3. Gas wells - Blowouts. I. Title
- 04709**
- 622.3382  
Z 18 Al-Zarah, Abdullah I.  
1993 An experimental investigation of low IFT flooding in Berea sandstones, using CT scanner/ by Abdullah I. Al-Zarah, 1993.  
xiv, 125 leaves : ill. (Some col.) ; 28 cm.  
Thesis (M.Sc.) - Pennsylvania State University, 1993. - Bibliography: l. 101-104.  
1. Oil reservoir engineering. 2. Petroleum engineering. 3. Oil fields - Production methods. 4. حقول - حقول. I. Title
- 04710**
- 622.3382  
H 127 Hakim, Ali Abbas, (1966--)  
1994 A parametric study of water-coning in horizontal wells/ by Ali Abbas Hakim, 1994.  
xxiii, 195 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 156-160.  
1. Oil wells. 2. Oil field flooding. 3. Oil field brines. 4. Petroleum engineering. I. Title
- 04711**
- 622.3382  
H 325 Hayek, Omar K.  
1963 Workover jobs in Saudi Arabian fields/ by Omar K. Hayek. - Riyadh : Ministry of Petroleum and Mineral Resources, 1963.  
19 p. : ill., map. ; 28 cm.  
"Fourth Arab Petroleum Congress Organized by the Secretariat of the League of Arab States, Beirut, November, 1963" T.P..  
1. Petroleum mining - Saudi Arabia - Congresses. I. Arab Petroleum Congress (4th: 1963: Beirut) II. Title
- 04712**

622.3382

H 963 Hussain, Ashiq

1995 Recovery performance and relative permeabilities of composite cores/ Ashiq Hussain, 1995.

xi, 123 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 108-112.

1. Oil reservoir engineering. 2. Oil saturation in reservoirs. 3. Petroleum engineering. I. Title

**04713**

622.3382

Is 3 Iskanderani, Faisal Ibrahim

1985 Effects of single and mixed alkanes on interfacial properties, solubilization in microemulsions and the oil displacement process/ by Faisal Ibrahim Iskanderani, 1985.

xvii, 178 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Florida, 1985. - Also available microfiche no. 717. - Bibliography: l. 169-177.

1. Alkanes. 2. Petroleum mining. 3. Petroleum - Prospecting. 4. Secondary recovery of oil. 5. Microbial enhanced oil recovery. 6. بحث وتنقيب. I. Title

**04714**

622.3382

K 131 Kandil, Ahmed A.

1993 Investigation of the production performance of horizontal wells in fractured bottom water drive reservoirs/ by Ahmed A. Kandil, 1993.

xvi, 292 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 211-220.

1. Oil reservoir engineering. 2. Petroleum mining. 3. Petroleum engineering. 4. هندسة البترول. I. Title

**04715**

622.3382

M 892 Muhammad, Mahmoud Abdul Raouf

1994 Analysis of the factors affecting the gelation time for polyacrylamide-redox system/ Mahmoud Abdul Raouf Muhammad, 1994.

x, 151 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 134-139.

1. Polyacrylamide. 2. Gelation. 3. Oil reservoir engineering. 4. Oil separators. I. Title

**04716**

622.3382

N 145 Naji, Hassan Sulaiman A.

1990 Stoichiometry of in-situ combustion/ Hassan Sulaiman A. Naji, 1990.

xii, 234 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Colorado School of Mines, 1990. - Bibliography: l. 147-151.

1. Stoichiometry. 2. Petroleum engineering. I. Title

**04717**

622.33820151

N 145 Naji, Hassan Sulaiman A.

1993 Finite difference and control-volume finite element simulation of naturally fractured reservoirs/ by Hassan Sulaiman A. Naji, 1993.

xix, 274 leaves ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1993. - Also available microfiche no. 3412. - Bibliography: l. 187-195.

1. Petroleum - Reserves - Mathematical models. 2. Petroleum engineering - Mathematical models. 3. Finite differences. I. Title

**04718**

622.3382015118

Y 88 Al-Yousef, Hasan Yousef

1985 An Improved method to calculate pseudorelative permeabilities to model gravity and capillary effects in reservoir simulation/ by Hassan Yousef Al-Yousef, 1985.

- 193 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Stanford University,  
1985. - Also available microfiche no. 52. -  
Bibliography: l. 124-128.  
1. Petroleum engineering - Mathematical  
models. 2. Reservoir oil pressure - Mathematical  
models. 3. Reservoirs - Mathematical  
models. 4. هندسة البترول - نماذج رياضية. I. Title  
**04719**
- 622.3382028563  
K 11 Al-Kaabi, Abdulaziz Obaid  
1990 Artificial intelligence approach to the  
identification of the well test interpretation  
model/ Abdulaziz Obaid Al-Kaabi, 1990.  
xxii, 321 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Texas A and M  
University, 1990. - Bibliography: l. 194-204.  
1. Oil reservoir engineering - Data  
processing. I. Title  
**04720**
- 622.33827  
K 527 Abu-Khamstin, Sidqi Ahmad  
1984 The reaction kinetics of fuel formation  
for in-situ combustion/ Sidqi Ahmad Abu-  
Khamstin, 1984.  
xviii, 220 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Stanford University,  
1984. - Bibliography: l. 157-160.  
1. Petroleum - Prospecting. 2. Oil  
reservoir engineering. I. Title  
**04721**
- 622.33827  
F 269 Al-Fattah, Saud Mohammed A.  
1994 Development of empirical equations for  
water-oil relative permeability/ Saud  
Mohammed A. Al-Fattah, 1994.  
xiii, 126 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd  
University of Petroleum and Minerals,  
1994. - Bibliography: l. 121-126.  
1. Petroleum engineering. 2. Oil fields -  
Production methods. 3. Petroleum -  
Permeability - Mathematical models. I. Title  
**04722**
- 622.33827  
M 295 Al-Malik, Mansour Saleh  
1988 An investigation of parameters affecting  
oil recovery efficiency of carbon dioxide  
flooding in cross-sectional reservoirs/ by  
Mansour Saleh AlMalik, 1988.  
xiii, 189 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Texas A and M  
University, 1988. - Also available microfiche  
no. 2206. - Bibliography: l. 87-97.  
1. Oil reservoir engineering. 2. Pet-  
roleum engineering. 3. Oil saturation in  
reservoirs. 4. Carbon dioxide. 5. هندسة  
البترول. I. Title  
**04723**
- 622.33827  
E 31 Eme, Vincent Obiora  
1994 Design of an alkaline, surfactant,  
polymer enhanced oil recovery scheme for  
a Saudi Arabian limestone reservoir/ by  
Vincent Obiora Eme, 1994.  
xvi, 167 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals, 1994. -  
Bibliography: l. 99-105.  
1. Oil fields - Production methods -  
Saudi Arabia. 2. Oil field flooding - Saudi  
Arabia. 3. Petroleum - Prospecting - Saudi  
Arabia. 4. البترول - الحقول - السعودية. I. Title  
**04724**
- 622.33827  
Ok 1 Okasha, Taha Moustafa Hamed  
1995 An experimental study of oil recovery  
from Tarmat reservoirs using hot water  
and solvent flooding/ Taha Moustafa  
Hamed Okasha, 1995.  
xix, 339 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - King Fahd University  
of Petroleum and Minerals, 1995.-  
Bibliography: l. 201-209.  
1. Oil fields - Production methods .  
2. Petroleum engineering. 3. Oil wells -  
Gas lift. I. Title  
**04725**

622.33827

**O17 Oloriegbe, Yahya Garba**

1994 Solution properties of sidechain polymers for enhanced oil recovery/ by Yahya Garba Oloriegbe, 1994. xix, 225 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 169-181.

1. Secondary recovery of oil. 2. Oil wells - Acidization. 3. Oil wells - Artificial lift. 4. البترول - آبار. I. Title

**04726**

622.33830285

**M 69 Al-Misned, Omar Abdulaziz**

1995 A model for predicting sand production from well logging data/ by Omar Abdulaziz Almisned, 1995.

xv, 144 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Oklahoma, 1995. - Also available microfiche no. 3667. - Bibliography: l. 81-89.

1. Oil wells - Sand control - Data processing. I. Title

**04727**

622.3385

**H 273 Al-Hashim, Hasan S.**

1979 The effect of gas production rate on the performance of partial water drive-gas reservoir/ by Hassan S. Al-Hashim, 1979.

viii, 53 leaves ; 29 cm.

Thesis (M.Sc.) - Colorado School of Mines, 1979. - Also available microfiche no. 1816. - Bibliography: l. 53.

1. Natural gas - Prospecting. 2. Gas reservoirs. بحث وتقدير. I. Title

**04728**

622.3385

**K 527 Al-Khamis, Mohammed N, (1960-)**

1995 Evaluation of correlations for natural gas compressibility factors/ Mohammed Najm Al-Khamis, 1995.

xi, 84 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 81-83.

1. Natural gas - Mathematical models. 2. Petroleum engineering. I. Title

**04729**

622.3385

**M 272 Al-Majed, Abdulaziz Abdullah**

1988 A variable cell model for simulating gas condensate reservoir performance/ by Abdulaziz Abdullah Almajed, 1988.

xii, 186 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Southern California, 1988. - Also available microfiche no. 2192. - Bibliography: l. 157-161.

1. Gas engineering. 2. Gas reservoirs. 3. الغاز الطبيعي. I. Title

**04730**

622.3385

**S 68 Symposium on Production and Processing**

1992 of Natural Gas (1992: King Saud University, Riyadh)

Preprints symposium on production and processing of natural gas held at King Saud University, College of Engineering, Chemical and Petroleum Engineering Departments, 26-28 Shaban 1412 H., 29, Feb-2 March 1992 G.- Riyadh : King Saud University, 1412 H., 1992.

2 v. : ill., maps ; 30 cm.

Includes bibliographical references. - Text in English and Arabic with title at endpaper: سجل بحوث لدوة انتاج وتصنيع الغاز الطبيعي.

1. Natural gas - Prospecting - Congresses. 2. Petroleum engineering - Congresses. 3. Gas industry - Congresses. I. Title

**04731**

622.752

**M 272 Al-Maghrabi, Mohammednoor Naher**

1994 Flotation of coarse particles in a modified flotation column cell/ by Mohammednoor Naher Almaghrabi, 1994.

xx, 255 leaves : ill., plates ; 30 cm.  
 Thesis (Ph.D.) - University of Nottingham,  
 1994.- Bibliography: l. 184-203.  
 1. Flotation. I. Title

**04732**

623.04309531

**B 393 Al-Begami, Negaa M., (1957--)**

1993 A model of electronic warfare systems:  
 acquisition and engineering for Saudi  
 Arabia/ by Negaa M. Albegami, 1993.  
 xvi, 147 leaves ; 28 cm.  
 Thesis (Ph.D.) - University of Missouri-  
 Rolla, 1993. - Bibliography: l. 137-146.  
 1. Military engineering - Saudi Arabia.  
 2. Precision guided munitions - Saudi Arabia.  
 3. الهندسة العسكرية - السعودية. I. Title

**04733**

623.8882

**Z 14 Al-Zamel, Zamel**

1994 Application of optimal tracking approach  
 to depth control of a towed cable system/  
 by Zamel Al-Zamel, 1994.  
 v, 63 leaves : ill. ; 28 cm.  
 Thesis (M.Sc.) - Western Michigan  
 University, 1994. - Also available microfiche  
 no. 3670. - Bibliography: l. 38.

1. Cables. 2. Control theory. I. Title

**04734**

623.890246392

**H 839 Howell, F.S.**

1986 Navigation primer for fishermen/ F.S.  
 Howell.- 2nd ed.- Surrey, Eng. : Fishing  
 News Books, 1986.  
 xiv, 181 p. : ill. ; 24 cm.  
 ISBN0-85238-139-5  
 Bibliography: p. 153. - Includes index.  
 1. Fisheries navigation. 2. Fishery  
 technology. 3. الملاحة. I. Title

**04735**

624

**S 23 Shararah, Hussein H.**

1975 Construction failure : cause and solu-  
 tion/ Hussein H. Shararah, 1975.

ix, 109 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Also available microfiche  
 no. 1693.- Bibliography: l. 108-109.

1. Construction industry. 2. الإنشاءات. I.  
 Title

**04736**

624 0222

**C 499 CE 101: engineering graphics: working**  
 1994 book assignments / edited by M.  
 Bouchama. - Dhahran: King Fahd Univer-  
 sity of Petroleum and Minerals, 1414 H,  
 1994.  
 [94] leaves : ill. ; 30X24 cm.  
 ISBN9960-07-026-3

1. Civil engineering - Drawings. 2. Civil  
 engineering - Drawings - Study and  
 teaching. I. Bouchama, M., ed. II. King Fahd  
 University of Petroleum and Minerals. Civil  
 Engineering Department, corp.

**04737**

624.0222

**K 581 King Fahd University of Petroleum and**  
 1994 **Minerals. Civil Engineering**  
**Department**

CE 101 engineering graphics / Civil  
 Engineering Department, King Fahd  
 University of Petroleum and Minerals-  
 Dhahran: King Fahd University of Petroleum  
 and Minerals, 1994.

[96] p. : ill. ; 30 cm.

ISBN9960-07-025-5

1. Civil engineering - Drawings.  
 2. Civil engineering - Drawings - Study  
 and teaching. 3. Engineering drawings.  
 4. الرسم الهندسي. I. Title

**04738**

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H 876 Abu-Hujair, Osama Mohammad

1994 Swelling potential and treatment of expansive soil/ by Osama Mohammad Abu-Hujair, 1994.

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R 183 Al-Rashid, Youssef

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S 17 Al-Shamrani, Mosleh Ali

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A 28 Alfi, Abdulaziz Adnan Sharif  
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B 141 Bader, Tal'at Abdul-Aziz  
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H 253 Al-Harthi, Abbas Aifan  
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1978 Finite element analysis of deep excavation behavior in soft clay/ by Abdulaziz Ibrahim Mana, 1978.  
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M 379 Al-Masmoum, Ali Ahmed  
1985 Classification system for excavating caliche in Tucson, Arizona/ Ali Ahmed Almasmoum, 1985.  
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G 341 Ghamedy, Hamdan Naser  
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M 579 Al-Mhaidib, Abdullah I.  
1992 Uplift resistance of pile shaft in sand/ by Abdullah I. Al-Muhaidib, 1992.  
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B 22 Banaf, Ahmed Mohammad  
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G 123 Al-Gahtani, Nabeel Al-Zafer  
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M 724 Mogharbel, Hassan T.  
1974 Design and behavior injection soil anchors and tied-back walls in sand/ by Hassan T. Mogharbel, 1974.  
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البيانات. I. Wifi, Abdalla S., auth II. Title III.

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M 725 Mohammed, Aliyu Shazali

1995 Elasto-plastic collapse load analysis of single mitred bends/ by Aliyu Shazali Mohammed, 1995.

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Y 7 Al-Yousef, Mohammed Habib

1986 Frame instability consideration in load and resistance factor design/ by Mohammed Habib Al-Yousef, 1986.

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K 527 Khathlan, Abdulrahman Abdullah

1986 Stresses at the junction of two normally intersecting circular cylinders/ by Abdulrahman Abdullah Khathlan, 1986.

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Thesis: (Ph.D.) - Stanford University, 1986.

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M 291 Malaikah, Ala Seraj

1995 Use of stress waves in nondestructive testing/ by Ala Seraj Malaikah, 1995.

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Thesis (Ph.D.) - University of Texas at Austin, 1995. - Also available microfiche no. 3673. - Bibliography: l. 167-172.

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Os 1 Osaimi, Ayed Eld

1977 Finite element analysis of time dependent deformations and pore pressures in excavations and embankments/ Ayed Eld Osaimi, 1977 .

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H 17 Abu-Hamail, Mohamed Fawzi

1984 Analysis of normal modes of oscillation of multi-story buildings due to earthquake excitation forces/ by Mohammed Fawzi Abulhamail, 1984 .

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1. Buildings - Earthquake effects. 2. Earthquake engineering. 3. هندسة الزلازل. I. Title

**04794**

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H 117 Al-Haddad, Mohammad Shathly

1986 Feasibility and consequences of moving beam plastic hinging zones for earthquake resistant design of R/C buildings/ by Mohammad Shathly Al-Haddad, 1986.

xiv, 243 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan 1986. - Also available microfiche no. 454. - Bibliography: l. 239-243.

1. Earthquake engineering. 2. Earthquake resistant design. 3. Buildings - Earthquake effects. 4. Strains and stresses. 5. هندسة الزلازل. I. Title

**04795**

624.1762

S 51 Al-Sulaimani, Ghazi Jamil

1982 Inelastic response of degrading and nondegrading systems under seismic actions/ by Ghazi Jamil Al-Sulaimani, 1982.

2 v. (x, 317 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - University of Texas, 1982. - Also available microfiche no. 535. - Bibliography: l. 311-317.

1. Earthquake engineering. 2. Earthquake resistant design. 3. هندسة الزلازل. I. Title

**04796**

624.1762

A 36 Ashour, Samir Abdullah

1987 Elastic seismic response of buildings with supplemental damping/ by Samir Abdullah Ashour, 1987.

2 v. (xxiii, 339 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1987. - Also available microfiche no. 274. - Bibliography: l. 335-339.

1. Buildings - Earthquake effects. 2. Earthquake resistant design. 3. Earthquake engineering. 4. المباني. I. Title

**04797**

624.1762

S 13 Sabban, Mohammed Abdullah

1991 Scattering and diffraction of plane elastic waves by three-dimensional semi-circular cylindrical canyons in an elastic half space/ by Mohammed Abdullah Sabban, 1991.

xxvii, 246 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Southern California, 1991. - Bibliography: l. 237-239.

1. Earthquake engineering. 2. Earthquake prediction. 3. Seismometry. 4. Earthquake resistant design. 5. هندسة الزلازل. I. Title

**04798**

624.17710285

S 11 Al-Saadoun, Saadoun Saad

1986 A design optimization system with central database for framed structures/ Saadoun Saad Al-Saadoun, 1986.

xvi, 285 leaves : 28 cm.

Thesis (Ph.D.) - University of Iowa,

1986. - Bibliography: l. 258-263.

1. Structural design - Data processing.
2. Structural frames - Data processing.
3. Structural optimization - Data processing.
4. Structural analysis (Engineering) - Data processing. I. Title

**04799**

624.1772

M 288 Al-Majhdowi, Abdullah Saad

1975 The behavior of composite shear connections with and without ribbed metal deck/ by Abdullah Saad Al Majhdowi, 1975.

x, 108 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Washington,

1975. - Also available microfiche no. 1776. -- Bibliog: l. 32-33.

1. Concrete slabs. 2. Steel I-beams. 3. Composite construction. 4. الخرسانة. I. Title

**04800**

624.1772

S 99 Al-Sayed, Saleh Hamed

1987 Inelastic behaviour of single angle columns/ Saleh Hamed Alsayed, 1987.

xv, 186 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Arizona, 1987.

1. Civil engineering. 2. Columns.
3. Dissertations, Academic - Saudi Arabia.
4. الهندسة المدنية. I. Title

**04801**

624.1772

S 61 Al-Shihri, Marai Abdullah

1986 Buckling strength of heavy steel columns/ Marai Abdullah Al-Shihri, 1986.

xxiii, 228 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona,

1986. - Bibliography: l. 225-228.

1. Columns, Iron and steel. I. Title

**04802**

624.1772

A 71 Assaf, Musaid Assaf

1983 Proposed method of finding column effective length factor/ by Musaid Assaf Assaf, 1983.

ix, 65 leaves : ill. ; 29 cm

Thesis (M.Sc.) - California State University, Sacramento, 1983. - Also available microfiche no. 1513. - Bibliography: l. 65.

1. Columns. 2. الأعمدة. I. Title

**04803**

624.1772

E 26 Eidan, Saleh Ali

1983 Column design for frames under gravity loads/ Saleh Ali Eidan, 1983.

ix, 54 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, 1983. - Bibliography: l. 15.

1. Columns - Design. I. Title

**04804**

624.1772

E 26 Eidan, Saleh Ali

1992 Inelastic stability of nonproportionally loaded steel sway beam-columns and space frames/ by Saleh Ali Eidan, 1992.

xxii, 341 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Old Dominion University, 1992. - Bibliography: l. 89-92.

1. Columns, Iron and steel. 2. Girders.
3. هندسة الإنشاءات. I. Title

**04805**

624.1772

J 174 Jadid, Mansour Nasser

1987 Analysis and design of short columns with high strength steel under axial load and biaxial bending/ by Mansour Nasser Jadid, 1987.

xvii, 168 leaves : ill. ; 29 cm.

- Thesis (M.Sc.) - Pennsylvania State University, 1987. - Also available microfiche no. 1809. - Bibliography: I. 167-168.
1. Columns, Iron and Steel - Analysis.
  2. Columns, Iron and steel - Design and construction.
  3. الخرسانة المدعمة، I. Title
- 04806**
- 624.1772  
M 318 Mansouri, Abdulwahab Hassan  
1968 Failure of roof systems with various support conditions due to ponding of liquids/ Abdulwahab Hassan Mansouri, 1968.  
vii, 81 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Colorado, 1968. - Also available microfiche no. 1801. - Includes bibliography.  
1. Roofs. 2. Girders. 3. الأسقف، I. Title
- 04807**
- 624.1772  
M 318 Mansouri, Sameer A.  
1991 Elasto-plastic nonlinear analysis of nozzle-cylinder intersections subjected to internal and external loads/ Sameer A. Mansouri, 1991.  
vii, 215 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Illinois at Urbana, 1991. - Bibliography: I. 208-214.  
1. Cylinders - Plastic properties. I. Title
- 04808**
- 624.1772  
M 56 Mesawa, Adel Ahmed  
1991 Effect of depth/width ratio on the torsional capacity high-strength plain concrete deep beams/ Adel Ahmed Mesawa, 1991.  
xv, 128 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - King Abdulaziz University, 1991. - Bibliography: I. 110-118.  
1. Concrete - Testing. 2. Concrete beams. 3. Concrete blocks. 4. Strength of materials. 5. Torsion. 6. الخرسانة، I. Title
- 04809**
- 624.1772  
S 23 Sharif, Alfarabi M.  
1982 Slab resisting of continuous composite beams/ by Alfarabi M. Sharif, 1982.  
xv, 254 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Washington University, 1982. - Also available microfiche no. 1146. - The second copy in 2 vols. - Bibliography: L. 250-253.  
1. Composite construction. 2. Concrete slabs - Corrosion. 3. Concrete slabs - Deterioration. 4. Girders - Design and construction. 5. الخرسانة، I. Title
- 04810**
- 624.17720285  
N 145 Najjar, Fawaz B.  
1975 Composite beam design for simply supported bridges/ by Fawaz B. Najjar, 1975.  
xi, 82 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Oklahoma State University, 1975. - Also available microfiche no. 148. - Bibliography: I. 53.  
1. Composite construction. 2. Girders. 3. معالجة البيانات، I. Title
- 04811**
- 624.17720285  
Z 13 Zahran, Hani Ibrahim Bakr  
1975 Interactive computer design of reinforced concrete : beams and columns/ by Hani Ibrahim Bakr Zahran, 1975.  
v, 233 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of California, 1975. - Also available microfiche no. 1195.  
1. Girders - Design - Automation. 2. Columns - Design - Automation. 3. هندسة الإنشاءات، I. Title
- 04812**
- 624.17723  
A 32 Abdulkarim, Omar Ibrahim  
1977 Continuum Models for the dynamic analysis of beams and beam-like structures/ by Omar Ibrahim Abdulkarim, 1977.

- viii, 130, [24] leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of California,  
1977. - Also available microfiche no. 646. -  
Bibliography: l. 129-30.  
1. Concrete beams. 2. Composite construction. 3. Structural analysis (Engineering).  
4. Girders. I. Title  
**04813**
- 624.17723  
F 274 Al-Faour, Mutasem Shaman  
1974 Finite element analysis of wide flange  
beams with web holes/ by Mutasem  
Shaman Al-Faour, 1974.  
vi, 109 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Pennsylvania State  
University, 1974. - Also available microfiche  
no. 1618. - Bibliography: l. 62-63.  
1. Girders. 2. Finite element method -  
Computer programs. 3. النماذج. I. Title  
**04814**
- 624.17723  
F 228 Al-Faris, Tariq Abdulaziz  
1985 Experimental study of behavior of unbonded  
posttensioned beams/ Tariq Abdulaziz Al-  
Faris, 1985.  
x, 132 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Arizona,  
1985. - Bibliography: l. 130-132.  
1. Girders. 2. Concrete beams. I. Title  
**04815**
- 624.17723  
M 97 Al-Musallam, Tarek Homoud  
1987 Finite element analysis of beams with  
application to linear and nonlinear static  
problems/ by Tarek Homoud Almusallam,  
1987.  
ix, 91 leaves : 28 cm.  
Thesis (M.Sc.) - University of Colorado,  
1987. - Also available microfiche no. 2350. -  
Bibliography: l. 90-91.  
1. Girders. 2. Finite element method.  
3. النماذج. I. Title  
**04816**
- 624.17723  
K 527 Khan, Mohammad Shebder  
1995 Boundary element analysis of non-  
prismatic beams and plates/ by Mohammad  
Shebder Khan, 1995.  
xv, 137 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals, 1995. - Arabic  
summary. - Bibliography: l. 132-137.  
1. Girders - Analysis. 2. Plates (Engi-  
neering) - Analysis. 3. Prisms - Analysis.  
4. Structural engineering. 5. Boundary element  
methods. I. Title  
**04817**
- 624.1773  
H 172 Abu Al-Hamayel, Ismat A.A.  
1985 Moment rotation curves for top and  
seat Connections/ Ismat A. A. Abul-  
Hamayel, 1985.  
ix, 126 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Arizona,  
1985. - Bibliography: l. 126.  
1. Structural frames. 2. Structural  
design. I. Title  
**04818**
- 624.1773  
M 377 Al-Mashary, Faisal Abdullah  
1989 Simplified non-linear analysis for steel  
frames/ Faisal Abdullah Al-Mashary, 1989.  
xiii, 188 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Purdue University,  
1989. - Bibliography: l. 181-187.  
1. Structural frames. 2. Steel, Structural.  
I. Title  
**04819**
- 624.1773  
S 34 Al-Salloum, Yousef A.  
1989 Optimization of plane frames by  
modification of fully-stressed design  
method/ by Yousef A. AlSalloum, 1989.  
xv, 226 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Illinois at  
Urbana - Champaign, 1989. - Also available  
microfiche no. 2597. - Bibliography: l. 219-225.

1. Structural frames. 2. Strains and stresses. 3. Structural optimization. 4. Structural design. 5. هندسة الإنشآت. I. Title
- 04820**
- 624.1773  
S 96 Al-Siwat, Jaber  
1993 Effect of anchorage slip and inelastic shear on seismic response of reinforced concrete frames/ by Jaber Alsiwat, 1993.  
xxvi, 367 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Ottawa, 1993. - Bibliography: l. 124-134.  
1. Reinforced concrete construction. 2. Concrete beams. 3. Structural frames. 4. الخرسانة سابقة الإجهاد. I. Title
- 04821**
- 624.17730285  
M 97 Al-Musallam, Tarek Homoud  
1991 Effect of strain softening on the ultimate strength and stability of flexible frames/ by Tarek H. Almusallam, 1991.  
195 leaves ; 28 cm.  
Thesis (Ph.D.) - The University of Arizona, 1991. - Bibliography: l. 186-195.  
1. Structural frames - Data processing. 2. Structural engineering - Data processing. 3. هندسة الإنشآت. I. Title
- 04822**
- 624.17730285  
H 275 Hassanain, Mostafa A.  
1992 Optimal design of reinforced concrete frames/ by Mostafa A. Hassanain, 1992.  
xvii, 201 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 197-201.  
1. Structural frames - Data processing. 2. Structural optimization. 3. Reinforced concrete construction. 4. هندسة الإنشآت. I. Title
- 04823**
- 624.1773028553  
K 829 Al-Kokani, Abdelhafeez Fida  
1976 Computerized analysis and efficient design of steel framed structures/ by Abdelhafeez Fida Alkokani, 1976.  
vii, 146 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Pennsylvania State University, 1976. - Also available microfiche no. 1203. - Bibliography: l. 65-66.  
1. Structural frames - Design - Computer programs. 2. Structural analysis (Engineering) - Computer programs. 3. البرمجة (حاسبات إلكترونية). I. Title
- 04824**
- 624.1774  
G 341 Al-Ghamdi, Saeid Aboud  
1988 Dynamic analysis of helicoidal bars/ by Saeid Aboud Al Ghamdi, 1988.  
2 v. (xviii, 358 leaves) ; 29 cm.  
Thesis (Ph.D.) - Arizona State University, 1988. - Also available microfiche no. 2279. - Bibliography: l. 253-256.  
1. Bars (Engineering). 2. هندسة الإنشآت. I. Title
- 04825**
- 624.1774  
L 536 El-Lethy, Wael Mohamed Ali  
1995 Bond and durability of fusion-bonded epoxy-coated steel bars/ by Wael Mohamed Ali Elleithy, 1995.  
xiii, 109 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 102-108.  
1. Steel bars - Corrosion. 2. Reinforced concrete - Corrosion. 3. Reinforcing bars. I. Title
- 04826**
- 624.1775  
H 17 Al-Hamed, Abdulaziz Mahmood  
1992 Ultimate strength of Arch structures under two-and three-dimensional loading/ by Abdulaziz Mahmood Al Hamad, 1992.  
xxx, 212 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Michigan State University, 1992. - Bibliography: l. 208-212.  
1. Arches. 2. Structural engineering. 3. هندسة الإنشآت. I. Title
- 04827**

624.1775

K 836 Konash, Farouk M.

1975 Analysis of arches by the direct stiffness method/ by Farouk M. Konash, 1975.

ii, 37 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of New Mexico, 1975. - Also available microfiche no. 1622. - Bibliography: l. 37.

1. Arches - Design and construction.

2. الأعمدة - تصميم. I. Title

04828

624.17762

B 179 Bakhrebah, Saleh Abdullah

1973 Finite element analysis of intersecting cylinders/ by Saleh Abdullah Bakhrebah, 1973.

xii, 134 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Illinois at Urbana-champaign, 1973. - Also available microfiche no. 341. - Bibliography: l. 87-92.

1. Shells (Engineering). 2. Structural analysis (Engineering). 3. الأساسات. I. Title

04829

624.17765

T 219 Al-Tayyib, Abdul-Hamid Judi

1980 Geometrically nonlinear analysis of rectangular glass panels by the finite element method/ by Abdul-Hamid Judi Al-Tayyib, 1980.

xi, 150 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Texas Tech. University, 1980. - Also available microfiche no. 841. - Bibliography: l. 99-104.

1. Plates (Engineering). 2. Sealed double glazing - Analysis. 3. Windows - Design and construction. 4. الفوائد الهندسية. I. Title

04830

624.17765

T 219 Tayyar, Saleh S.

1988 Buckling of laminated plates and cylindrical panels under shear or combined loads/ by Saleh S. Tayyar, 1988.

xxii, 232 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of New Orleans, 1988. - Also available microfiche no. 2120. - Bibliography: l. 173-174.

1. Composite materials. 2. Laminated materials. 3. Plates (Engineering). 4. Structural engineering. 5. هندسة الإنشاءات. I. Title

04831

624.177650285536

S 14 Al-Al-Shaikh, Abdullah

1988 Development of a computer program for the design and analysis of flat plates by the equivalent frame method/ Abdullah Al-Alshaikh, 1988.

ix, 115 leaves : ill. ; 28 cm.

Thesis (M.E.) - Pennsylvania State University, 1988. - Bibliography: l. 67.

1. Plates (Engineering) - Data processing. I. Title

04832

624.18

B 634 Bogis, Haitham Abdullah

1994 A model for the analysis and design of structures with arbitrary reinforcement and boundary conditions/ by Haitham Abdullah Bogis, 1994.

xv, 312 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Wisconsin-Madison, 1994. - Bibliography: l. 294-312.

1. Composite construction. 2. Reinforced concrete construction - Analysis. 3. Plates (Engineering). 4. Reinforced concrete, Fiber. I. Title

04833

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M 883 Al-Mudaiheem, Jamal Abdulrazak

1986 Prediction of drying shrinkage of Portland cement paste and concrete/ by Abdulrazak Jamal Al-Mudaiheem, 1986

ii, 148 leaves : ill. ; 29 cm.

Thesis (Ph.D.) University of Michigan, 1986. - Also available microfiche no. 2450. - Bibliography.

1. Building materials. 2. Cement - Drying. 3. Civil engineering. 4. مواد البناء. I. Title

04834

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G 341 Abo-Ghalia, Sameer S.

- 1988 Cement stabilization and its effect on the permeability of Saudi Arabian sandy soils/ by Sameer S. Aboghaila, 1988. xi, 172 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Howard University, 1988. - Also available microfiche no. 2407. - Bibliography: l. 170-172.

1. Cement - Saudi Arabia - Stability.
2. Building materials - Saudi Arabia.
3. الإسمنت - السعودية. I. Title

04835

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A 57 Amjad, Mohammed Amin

- 1985 Stress-strain behaviour of concrete in tension/ Mohammed Amin Amjad, 1985. 95 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - University of Leeds, 1985. - Bibliography: l. 91-95.

1. Concrete. 2. Strains and stresses. I. Title

04836

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M 295 Malikakkal, Navaz Cheriya

- 1994 Chloride in concrete/ prediction of the onset of corrosion in reinforced concrete structures/ by Navaz Cheriya Malikakkal, 1994.

xviii, 219 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 177-187.

1. Concrete - Analysis. 2. Concrete - Defects. 3. Concrete - Thermal properties. 4. Reinforced concrete - Corrosion. I. Title

04837

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H 176 Hamed, Gehad Mohammed

- 1993 An expert system for concrete diagnosis/ by Gehad Mohammed Hamed, 1993.

xiv, 262 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 252-262.

1. Concrete construction - Computer programs. 2. Concrete - Defects - Computer programs. 3. Concrete - Analysis - Computer programs. 4. Expert systems (Computer science). 5. الأنظمة الخبيرة. I. Title

04838

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M 725 Mohiuddin, Naseer Ahmed

- 1995 Use of small diameter cores in evaluation of in-situ concrete strength in Eastern Saudi Arabia/ by Naseer Ahmed Mohiuddin, 1995.

xii, 102 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 92-95.

1. Eastern region (Saudi Arabia). 2. Concrete - Quality control. 3. الهندسة المدنية. I. Title

04839

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K 526 Al-Khaled, Mohammad Abdul-Wahhab

- 1994 Deterioration of concrete structures in the coastal regions of the Republic of Yemen/ Mohammad Abdul-Wahhab Al Khalid, 1994.

xix, 252 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 246-252.

1. Concrete construction - Deterioration. 2. Concrete construction - Yemen - Deterioration. 3. الانشآت الخرسانية. I. Title

04840

624.18341

G 341 Al-Ghamdy, Daifallah Omer

- 1984 Effect of matrix composition on steel fiber reinforced concrete properties/ by Daifallah Omer Al-Ghamdy, 1984.

viii, 291 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Michigan, 1984. - Also available microfiche no. 542. - Bibliography: I. 283-291.

1. Reinforced concrete, Fiber. 2. Concrete - Air content. 3. الخرسانة المسلحة. I. Title

**04841**

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A 41 Ali, Mohammad Golam

1991 Criteria for cathodic protection of steel in concrete in the context of Arabian Gulf environment/ by Mohammad Golam Ali, 1991.

xxiii, 285 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1991. - Bibliography: I. 278-85.

1. Reinforced concrete construction - Arabian Gulf. 2. Structural engineering - Arabian Gulf. 3. Reinforced concrete construction - Saudi Arabia. 4. Steel, Structural. 5. الخرسانة المسلحة. I. Title

**04842**

624.18341

N 855 Al-Noury, Soliman Ibrahim

1980 A study of reinforced concrete compression members under biaxial bending/ by Soliman Ibrahim Al-Noury, 1980.

xiv, 231 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Purdue University, 1980. - Also available microfiche no. 364. - Bibliography: I. 148-152.

1. Reinforced concrete. 2. Reinforced concrete construction. 3. Concrete construction - Joints. 4. الخرسانة المسلحة. I. Title

**04843**

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Z 13 Al-Zaharani, Mesfer Mohammad

1995 Bond behavior of fiber reinforced plastic (FRP) reinforcements with concrete/ Mesfer Muhammad Al-Zahrani, 1995.

xiv, 262 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Pennsylvania State University, 1995. - Also available microfiche no. 3689. - Bibliography: I. 258-262.

1. Fiber-reinforced plastics. 2. Composite-reinforced concrete. 3. Reinforced concrete construction. 4. Fibrous composites. I. Title

**04844**

624.18341

M 679 Mirza, Faiz Abdullah Mohammed

1992 Polypropylene fiber reinforced concrete : evaluation of material properties and compositions/ by Faiz Abdullah Mohammed Mirza, 1992.

xv, 199 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Michigan State University, 1992. - Bibliography: I. 170-81.

1. Polypropylene fibers - Evaluation. 2. Reinforced concrete - Evaluation. 3. Reinforced concrete, Fiber - Composition. 4. الخرسانة المسلحة. I. Title

**04845**

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N 91 Nuh, Samir M.

1973 Ferro-cement sandwich structural walls/ By Samir M. Nuh, Islam A. Basunbul, 1973. 40, [33] leaves : ill. ; 28 cm.

Thesis (M.A.) - University of California, Berkeley, 1973. - Also available microfiche no. 1656.

1. Reinforced concrete. 2. Structural engineering. 3. الخرسانة المسلحة. I. Basunbul, Islam Ahmed, j.a. II. Title

**04846**

624.183410285

M 466 Medallah, Khaled

1987 Enshaey : computer aided reinforced concrete design : users manual and theoretical background/ Khaled Medallah. - [s.l.] : [s.n.], 1987.

143 p. : ill. ; 29 cm.

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**04847**



624.18342

A 19 Abbasi, Mohammed Sajid Ali

1991 Non - linear finite element modelling of reinforced concrete slabs/ by Mohammed Sajid Ali Abbasi, 1991.

xvi, 260 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1991. - Bibliography: l. 249-260.

1. Concrete slabs. 2. مواد البناء. I. Title

**04848**

624.18342

A 37 Aziz, Abdur Rauf

1994 Reduction in bond and the strength of slabs due to corrosion of reinforcement/ Abdur Rauf Aziz, 1994.

xvii, 245 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 238-245.

1. Concrete slabs. 2. Civil engineering. 3. Reinforced concrete - Corrosion. I. Title

**04849**

624.18342

B 299 Basunbul, Islam Ahmed

[1981] The influence of end friction and length - to diameter ratio on the behavior of concrete cylinders/ by Islam Ahmed Basunbul, [1981].

xv, 200 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of California, 1981. - Also available microfiche no. 666. - Bibliography: l. 195-200.

1. Concrete - Analysis. 2. Concrete - Testing. 3. Concrete products. 4. الخرسانة. I. Title

**04850**

624.18342

L 648 Linjawi, Abdullah Hamad

1994 Computational analysis of time dependent behavior of columns in high rise concrete buildings/ Abdullah Hamad Linjawi, 1994.

xx, 214 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Texas at Arlington, 1994. - Bibliography: l. 205-214.

1. Columns, Concrete - Fatigue - Analysis. 2. Buildings, Reinforced concrete. 3. Reinforced concrete construction. I. Title

**04851**

624.18342

R 116 Radain, Talal Abdulmalek

1989 Effect of corrosion, freeze-thaw cycles, and their combined effects on the fatigue behavior of reinforced concrete/ Talal Abdulmalek Radain, 1989.

xvi, 203 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Rhode Island, 1989. - Bibliography: l. 184-203.

1. Concrete beams - Fatigue. 2. Reinforced concrete - Corrosion. I. Title

**04852**

624.18342

S 18 Sagur, Salah Mohammed

1994 The use of small scale modeling to study the behavior of simply-supported reinforced concrete slabs with openings under uniform loading / by Salah Mohammed Sagur, 1994.

xx, 331 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Drexel University, 1994. - Bibliography: l. 324-330.

1. Concrete slabs. 2. Civil engineering. 3. Reinforced concrete - Corrosion. I. Title

**04853**

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S 93 Shuraim, Ahmed B. M.

1990 Slenderness effects in prestressed concrete columns/ Ahmed B.M. Shuraim, 1990.

xiv, 285 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1990. - Bibliography: l. 278-285.

1. Columns, Concrete. 2. Prestressed concrete. I. Title

**04854**

624.18342

T 13 Tahir, Bassam M.

1995 Concrete repair with silica fume shotcrete/ by Bassam M. Tahir, 1995.

xvi, 344 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 330-344.

1.Columns, Concrete - Repairing.  
2.Silica fume. 3. Concrete construction.  
4.Structural engineering. I. Title

**04855**

624.18342

Z 68 Ziraba, Yasin Naku

1993 Non-linear finite element analysis of reinforced concrete beams repaired by plate bonding/ by Yasin Naku Ziraba, 1993.

xix, 327 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 318-327.

1. Concrete beams - analysis. 2. الهندسة المدنية. I. Title

**04856**

624.183423

A 32 Abdulkarim, Omar

1971 Effective width of T-girder for stiffness purpose/ by Omar Abdulkarim, 1971.

ii, 53, [44] leaves ; 29 cm.

Thesis (M.Sc.)- University of California, Berkeley, 1971. - Also available microfiche no. 1626.- Includes bibliography.

1. Girders. 2. Structural engineering. 3. هندسة الإنشآت. I. Title

**04857**

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K 829 Al-Kokani, Abdelhafeez Fida

1982 Behavior and design of partially prestressed concrete beams/ Abdelhafeez Fida Alkokani, 1982.

xvi, 160 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Pennsylvania State University, 1982. - Bibliography: l. 143-147.

1.Concrete beams - Design and construction. 2.Reinforced concrete - Cracking. I. Title

**04858**

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S 23 Al-Shareef, Ali A.

1994 Torsional behaviour of high-strength reinforced concrete deep beams/ Ali A. Al-Shareef, 1416 H, 1994.

xvii, 157 leaves : ill. ; 31 cm.

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1. Concrete beams. I. Title

**04859**

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G 341 Ghaleb, Badr Mohammed Najj

1992 Strengthening of damaged reinforced concrete beams by external fiber glass plates/ by Badr Mohammed Najj Ghaleb, 1992.

xviii, 266 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 230-235.

1.Reinforced concrete, Fiber. 2.Concrete beams. 3.Glass fibers. 4.Glass reinforced plastics. I. Title

**04860**

624.18343

A 11 Alama, Mohamed Sanib

1991 Numerical modelling and parametric investigation of R/C coupled wall-frame systems under seismic loading/ by Mohamed Sahaib Alama, 1991.

xix, 251 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1991. - Bibliography: l. 123-129.

1.Structural frames. 2.Concrete walls. 3. هندسة الإنشآت. I. Title

**04861**

624.18343

S 41 Al-Shegeir, Abdulsallam A.

1992 Analysis and design of disturbed regions with strut-tie models/ by Abdulsallam A. Alshegeir, 1992.

xviii, 274 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Purdue University, 1992. - Bibliography: l. 268-273.

1.Struts (Engineering)-Models. 2.Strains and stresses. 3.Reinforced concrete construction. I. Title

**04862**

624.18343

S 45 Samman, Tamim Abdulhadi

1987 Indeterminate reinforced concrete frames subjected to inelastic cyclic deformation/ Tamim Abdulhadi Samman, 1987.

xxviii, 412 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1987. - Bibliography: l. 408-412.

1.Structural frames - Defects. 2.Concrete beams - Defects I Title

**04863**

624.18343

Y 14 Yamani, Ahmed S.

1987 Comparative analysis and design of multistory concrete plane frame system using finite element method the ACI-Moment coefficients/ by Ahmed S. Yamani, 1987.

x, 140 leaves : ill. ; 28 cm.

Thesis (M. Sc.) - North Carolina Agricultural and technical State University, 1987.- Bibliography: l. 118-120.

1. Structural frames. 2. Tall buildings - Design and construction. I. Title

**04864**

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Z 29 Al-Zeghaibi, Mansour

1983 Practical computer-aided structural design procedure for multi-story reinforced concrete frames/ by Mansour Alzeghaibi, 1983.

xii, 258 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Louisville, 1983. - Also available microfiche no. 409. - Bibliography: l. 161-166.

1. Buildings, Reinforced Concrete - Design and Construction - Data processing.

2. Reinforced concrete Construction - Data processing. 3. الخرسانة المسلحة. I. Title

**04865**

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J 19 Al-Jahdali, Fahd Abdulmoti

1993 Development length for deformed bars in high-strength concrete with and without steel fibers/ by Fahd Abdulmoti Al-Jahdali, 1993.

x, 117 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Abdulaziz University, Jeddah, 1993. - Bibliography: l. 113-117.

1. Reinforcing bars. 2. Steel bars . 3.Stress concentration. 4. Strength of materials. 5.Strains and stresses. 6. الخرسانة المسلحة. I. Title

**04866**

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M 729 Mokrin, Zamil Abdulrahman

1978 Reinforced concrete members of hollow circular section under monotonic and cyclic bending/ by Zamil Abdulrahman Mokrin, 1978.

3, xvi, 192 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - The University of Michigan, 1978. - Also available microfiche no. 506. - Bibliography: l. 112-114.

1. Round buildings - Design and construction. 2. Talmud - Commentaries . I. Title

**04867**

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B 198 Balghunaim, Fahd Abdul-Rahman

1984 Evaluation of maturing and moisture susceptibility of sulfur-asphalt concrete/ by Fahad Abdul-Rahman Balghunaim, 1984.

- vi, 260 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Michigan,  
1984. - Also available microfiche no. 712. -  
Bibliography: I. 253-260  
1. Asphalt concrete - Moisture. 2. Asphalt  
concrete - Testing. 3. القتر. I. Title

**04868**

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S 36 Suheibani, Abdul-Rahman Saleh

- 1986 The Use of fly ash as an asphalt  
extender in asphalt concrete mixes/ by  
Abdul-Rahman Saleh Suheibani, 1986 .

2 v. (300 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - University of  
Michigan, 1986. - Also available microfiche  
no. 2497. - Bibliography: I. 293-300.

1. Asphalt Concrete. 2. Fly ash. 3. القتر.  
I. Title

**04869**

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S 85 Saudi Arabia. Ministry of Communications

- 1988 Tunneling and rock stabilization:  
application of modern technology/ [edited  
by] Rasin K. Mufti. - Riyadh : Ministry of  
Communications, 1988.

28 p. : ill. ; 30 cm. - (Technical book  
series ; no. 4).

1. Tunnels - Saudi Arabia - Design and  
construction. 2. Engineering - Saudi Arabia.  
3. Subways - Saudi Arabia - Design and  
construction. 4. الأنفاق (هندسة مدنية) - السعودية.  
I. Mufti, Rasin K., ed. II. Title III. Series

**04870**

624.209531

S 85 Saudi Arabia. Ministry of Communication

- 1988 Bridges, yesterday and today/ [edited  
by] Rasin K. Mufti. - Riyadh : Ministry of  
Communications, 1988.

44 p. : ill. ; 30 cm. - (Technical book  
series ; no. 3).

1. Bridges. 2. Building, Iron and steel.  
3. Civil engineering. 4. Bridges - Saudi  
Arabia. 5. الجسور - السعودية. I. Mufti, Rasin K.,  
ed. II. Title III. Series

**04871**

624.25

F 298 Fazlur-Rahman, Qureshi Abbas Ali  
1995 Mohammad, (1967-)

- Optimization of continuous post-  
tensioned bridge decks of prescribed  
lengths/ Qureshi Abbas Ali Mohammad  
Fazlur Rahman, 1995.

xii, 205 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals. - 1995. -  
Bibliography: I. 120-124.

1. Bridges - Design and construction.  
2. Structural engineering. I. Title

**04872**

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M 978 Al-Mustafa, Riyadh Ahmed

- 1983 The analysis of transverse prestressing  
effects in bridge decks/ by Riyadh Ahmed  
Almustafa, 1983.

xiii, 274 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Texas at  
Austin, 1983. - Also available microfiche no.  
523. - Bibliography: I. 233-236.

1. Bridges - Floors. 2. Bridges -  
Design and construction. 3. الجسور - تصميم.  
I. Title

**04873**

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S 15 Al-Subhi, Kamal M.

- 1989 Optimizing system-level bridge main-  
tenance, rehabilitation, and replacement  
decisions/ by Kamal M. Al-Subhi, 1989.

2 v. (273 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - North Carolina State  
University, 1988. - Also available microfiche  
no. 2489. - Bibliography: I. 131-134.

1. Bridges - Design and construction.  
2. Bridges - Maintenance and repair.  
3. الجسور - تصميم. I. Title

**04874**

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J 348 Jebreen, Jebreen M.I.

- 1995 Bridge maintenance level of service  
optimization based on an economic analysis  
approach/ by Jebreen M.I. Jebreen, 1995.

- vii, 151 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - North Carolina State University, 1995. - Also available microfiche no. 3698. - Bibliography: l. 69-71.  
1. Bridges - Maintenance and repair - Economic aspects. I. Title
- 04875**
- 624.3509531  
S 85 Saudi Arabia. Ministry of Communications  
1983 Gulf street viaduct - Riyadh : communications and its role in development/ Kingdom of Saudi Arabia, Ministry of Communications - Riyadh : Ministry of Communications, 1983.  
32 p. : col.ill., map ; 21X29 cm.  
1. Viaducts - Riyadh. 2. Bridges - Saudi Arabia. 3. الجسور - الرياض. I. Title
- 04876**
- 624.37  
Z 13 Al-Zaid, Rajeh Zaid  
1986 Fatigue reliability of prestressed concrete girder bridges/ by Rajeh Zaid Al-Zaid, 1986.  
xix, 253 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Michigan, 1986. - Also available microfiche no. 948. - Bibliography: l. 241-253.  
1. Bridges, Concrete. 2. Concrete beams. 3. الجسور. I. Title
- 04877**
- 624.37  
Y 14 Yamani, Ahmed S.  
1992 Reliability evaluation of shear strength in highway girder bridges/ by Ahmed S. Yamani, 1992.  
xv, 295 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Michigan, 1992. - Bibliography: l. 285-295. 2. Bridges, Concrete. 3. Girders. 4. الجسور الخرسانية. I. Title
- 04878**
- 624.4  
L 648 Linjawi, Abdullah Hamad  
1985 Straight versus horizontally curved highway bridge composite box girders/ Abdullah H. Linjawi, 1985.  
x, 124 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Pennsylvania State University, 1985. - Bibliography: l. 120-121.  
1. Bridges, Box girder. 2. Box beams. 3. Bridges - Design and construction. I. Title
- 04879**
- 624.6  
M 466 Medallah, Khaled Yagoub  
1984 Stability and nonlinear response of deck-type arch bridges/ by Khaled Yagoub Medallah, 1984.  
x, 221 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Michigan State University, 1984. - Also available microfiche no. 556. - Bibliography: l. 154-156.  
1. Bridges, Arched. 2. الجسور. I. Title
- 04880**
- 625.1  
K 527 Khayat, Abdulaziz A.  
1985 Evaluation of a single-route ridership forecasting model as applied to rail transit systems/ by Abdulaziz A. Khayat, 1985.  
viii, 62 leaves ; 28 cm.  
Thesis (M.Sc.) - University of Wisconsin-Milwaukee, 1985. - Also available microfiche no. 1532. - Bibliography: l. 62.  
1. Railroad engineering. 2. Transportation engineering. 3. المسكوك الحديدية. I. Title
- 04881**
- 625.7  
A 73 Al-Atram, Abdul-Rahman Abdullah  
1989 Quality control in highway construction/ by Abdul-Rahman Abdullah Al-Atram, 1989.  
vii, 91 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Florida, 1989. - Bibliography: l. 90-91.  
1. Highway engineering - Quality control. 2. الطرق العربية. I. Title
- 04882**
- 625.7  
S 42 Al-Sheikh, Mohammed Abdul-Aziz  
[19-] The choice of technology in transport system development/ by Mohammed Abdul-Aziz Alsheikh. - [a.l.] : [s.n.], [19-].

- xi, 134 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of California, Berkeley, [19-]. - Also available microfiche no. 798. - Bibliography: l. 131-134.  
1. Transportation engineering. 2. Transportation - Planning. 3. Transportation, Automotive - Planning. 4. النقل. I. Title  
**04883**
- 625.7  
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Proceedings of the Third IRF Middle East Regional Meeting, held in Riyadh, from February 13-18, 1988. - Riyadh : The Ministry of Communications, 1988.  
8 v. : ill. ; 30 cm.  
Text in English and Arabic.  
1. Roads - Congresses. 2. Highway engineering - Congresses. 3. Highway engineering - Saudi Arabia - Congresses. 4. هندسة الطرق - السعودية - مؤتمرات  
**04884**
- 625.70285633  
F 142 Fahmie, Marwan M.  
1994 A knowledge based expert system approach to analyze and evaluate highway construction schedules/ by Marwan M. Fahmie, 1994.  
xiii, 270 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Florida, 1994. - Bibliography: l. 264-269.  
1. Roads - Design and construction - Data processing. 2. Highway engineering - Data processing. 3. Expert systems (Computer science). I. Title  
**04885**
- 625.7042  
K 528 Al-Khowaiter, Abdullah M.  
1991 Probability distributions of queue discharge headways/ by Abdullah M. Alkhowaiter, 1991.  
25, [49] leaves : ill. ; 28 cm.  
Thesis (M.S.) - University of Pittsburgh, 1991. - Bibliography: l. 24-25.  
1. Highway engineering - Safety measures. 2. Highway bypasses. 3. Roads - Design and construction. 4. Roads - Interchanges and intersections. I. Title  
**04886**
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Of 3 Al-Ofi, Khalaf Aidhah  
1994 The effect of signal coordination on intersection safety/ Khalaf Aidhah Mohammed Al-Ofi, 1994.  
xii, 176 leaves ; 29 cm.  
Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 142-145.  
1. Roads - Interchanges and intersections - Safety measures. 2. Traffic circles - Safety measures. 3. Traffic signs and signals - Safety measures. I. Title  
**04887**
- 625.709531  
A 85 Afroz, Syed Mohiuddin  
1995 Effect of captive riders in intercity mode-choice modelling/ by Syed Mohiuddin Afroz, 1995.  
x, 107 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 78-82.  
1. Urban transportation - Saudi Arabia. 2. City traffic - Saudi Arabia. 3. المواصلات - السعودية. I. Title  
**04888**
- 625.709531  
S 35 Al-Sughaiyer, Mohammad Ali  
1994 The effects of mode perceptions on intercity mode-choice behavior in Saudi Arabia/ Mohammad Ali Al-Sughaiyer, 1994.  
xiv, 276 leaves ; 29 cm.  
Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 192-200

- 1.Highway engineering - Saudi Arabia.
- 2.Highway capacity - Saudi Arabia.
- 3.Roads - Saudi Arabia - Design and construction.
4. الطرق الحرة - السعودية I. Title

**04889**

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S 85 Saudi Arabia. Ministry of Communication  
1988 Highway planning and development/  
[edited by] Rasin K. Mufti .- Riyadh :  
Ministry of Communications, 1988.

36 p. : ill. ; 30 cm.- (Technical book  
series ; no. 1).

- 1.Highway engineering.
- 2.Civil engineering.
- 3.Roads.
4. Highway engineering - Saudi Arabia.
5. هندسة الطرق - السعودية I. Mufti, Rasin K., ed. II. Title III. Series

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S 85 Saudi Arabia. Ministry of Communication  
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presentation/ [edited by] Rasin K. Mufti,  
Wasif Siddiqui and Anis Tannir .- Riyadh:  
Ministry of Communications, 1988.

88 p. : ill. ; 30 cm.

1. Road - Saudi Arabia - Pictorial works.
2. Bridges - Saudi Arabia - Pictorial works.
3. الطرق - السعودية I. Mufti, Rasin K., ed. II. Siddiqui, Wasif A., ed. III. Tannir, Anis, ed. IV. Title

**04891**

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A 51 Ahmad Al Rashed Al Humaid  
1992 Consulting Engineering

Project Dhahran - Abqaiq road  
improvement : final report, 1992-1412/  
Ahmad Al-Rashed Al-Humaid Consulting  
Engineers .- Riyadh : Ministry of  
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[16], 186 leaves : ill. (some col.) ; 30 cm.

1. Roads - Saudi Arabia - Dhahran - Design and construction.
2. Roads - Saudi Arabia - Abqaiq - Design and construction.
3. Road construction contracts - Saudi Arabia

- Dhahran.
4. Roads - Saudi Arabia - Abqaiq.
5. الطرق - تصميم - اتيق (السعودية).
- I. Saudi Arabia. Ministry of Communications, corp. II. Title III. Title: Dhahran-Abqaiq road improvement

**04892**

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R 183 Al-Rashid, Nasser Ibrahim

1970 A theoretical and experimental study of  
dynamic highway loading/ by Nasser  
Ibrahim Al-Rashid, 1970.

2v. (xxiii, 384 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - University of Texas at  
Austin, 1970. - Also available microfiche no.  
610. - Bibliography: I. 164-167.

1. Roads - Design and construction .
2. Highway engineering.
3. هندسة الطرق I. Title

**04893**

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S 55 Al-Senan, Shukri Hasan

1985 A study of head-on crash sites/ by  
Shukri Hasan Al-Senan, 1985.

xiv, 229 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Georgia Institute of  
Technology, 1985. - Also available microfiche  
no. 905. - Bibliography: I. 223-228.

1. Roads - Design and construction - Safety measures.
2. Traffic accidents.
3. Highway engineering.
4. هندسة الطرق I. Title

**04894**

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M 883 Mudarres, Khaled K.

1989 Guidelines for redesign of at-grade  
intersections in urban areas (master's  
report)/ by Khaled K. Mudarres, 1989.

v, 92 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - [...], 1989. - Also available  
microfiche no. 1572. - Bibliography: I. 51-52.

1. Roads - Interchanges and intersections - Design.
2. Traffic circles - Design.
3. الطرق - تصميم I. Title

**04895**

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S 99 Sayyari, Abdullah Ibrahim

1973 An evaluation of vehicle climbing lane design criteria/ by Abdullah Ibrahim Sayyari, 1973.

vii, 54 leaves ; 29 cm.

Thesis (M.Sc.) - University of Texas at Austin, 1973. - Also available microfiche no. 1795. - Bibliography: 1. 53-54.

1. Truck lanes. 2. Roads - Design and construction. 3. هندسة الطرق. I. Title

04896

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S 85 Saudi Arabia. Ministry of Communication

1988 Highway design and construction/ [edited by] Rasin K. Mufti.- Riyadh : Ministry of Communications, 1988.

48 p. : ill. ; 30 cm.- (Technical book series ; no. 2).

1. Highway engineering. 2. Roads. 3. Civil engineering. 4. Roads - Saudi Arabia - Design and construction. 5. - الطرق السعودية. I. Mufti, Rasin K., ed. II. Title III. Series

04897

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S 85 Saudi Arabia. High Commission for the [19-] Development of Riyadh

King Fahd expressway [video recording]/ Kingdom of Saudi Arabia, High Commission for the Development of Riyadh; narrator John Bailly; directed by Gordon Punter.- Riyadh : ARA International Production, [19-].

1 video cassette (ca 30 min.) : sd, col. ; 16 cm.

1. Roads - Riyadh - Design and construction. 2. Roads - Saudi Arabia - Design and construction. 3. Express highways - Riyadh - Design and construction. 4. - الطرق. I. Punter, Gordon, d. II. Title

04898

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S 13 Sabban, Naif Awad

1992 Kiln dust-dune sand stabilization/ Naif Awad Sabban, 1992.

vii, 158 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1992. - Bibliography: 1. 88-91.

1. Soil stabilization. 2. Highway engineering. 3. Road materials. 4. Soil cement. 5. Sand dunes. 6. الخربة. I. Title

04899

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M 318 Al-Mansour, Abdullah Ibrahim

1991 Cost-effectiveness evaluation of highway flexible pavement routine maintenance/ by Abdullah Ibrahim Al-Mansour, 1991.

xviii, 308 leaves ; 29 cm.

Thesis (Ph.D.) - Purdue University, 1991. - Bibliography: 1. 281-286.

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04900

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S 85 Saudi Arabia. Ministry of Communications

1988 Maintenance for better road performance/ [edited by] Rasin K. Mufti.- Riyadh: Ministry of Communications, 1988.

32 p. : ill. ; 30 cm.- (Technical book series).

1. Roads. 2. Roadside improvement. 3. Highway engineering. 4. Roads - Saudi Arabia. 5. الطرق - السعودية. I. Mufti, Rasin K., ed. II. Title III. Series

04901

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M 56 Al-Mesainid, Abdulrahman Abdullah

1987 Analysis of highway resurfacing alternatives/ Abdulrahman Abdullah Al-Mesainid, 1987.



- viii, 136 leaves ; 28 cm.  
Thesis (M.Sc.) - University of Maryland,  
1987. - Bibliography: I. 51-52.  
1. Roads - Maintenance and repair. I.  
Title
- 04902**
- 625.7940285  
S 85 Saudi Arabia. Ministry of Communications  
1988 Computer services in the Ministry of  
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Mufti.- Riyadh : Ministry of Communi-  
cations, 1988.  
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series ; no. 7).  
1.Road engineering - Data processing.  
2.Highway engineering - Data pro.  
3.Highway engineering - Saudi Arabia -  
Data processing. 4. الطرق البرية - السعودية -  
معالجة البيانات. I. Mufti, K. Rasin,ed. II. Title  
III. Series
- 04903**
- 625.79409531  
K 122 Al-Kaim, Ali Al-Akhdar  
1987 Effects of vehicle type on highway  
traffic flow : effects of vehicle type on  
speed, delay and capacity characteristics  
of highway traffic flow in the United  
Kingdom and Saudi Arabia determined by  
an examination of traffic data/ by Ali Al-  
Akhdar Alkaim, 1987.  
ii, 575, [42] leaves : ill. ; 30 cm.  
Thesis (Ph. D.) - University of  
Bradford, 1987.- Bibliography: I. 560-574.  
1.Traffic flow - Saudi Arabia. 2.Traffic  
flow - Britain. 3. Highway capacity - Saudi  
Arabia. 4. Traffic engineering. 5. Highway  
capacity - Britain. 6. المرور - السعودية. I. Title
- 04904**
- 625.79409531  
S 85 Saudi Arabia. Ministry of Communications  
1988 Traffic engineering and safety/ [edited  
by] Rasin K. Mufti.- Riyadh : Ministry of  
Communications, 1988.

32 p. : ill. ; 30 cm.- (Technical book  
series; no. 5).

1. Traffic engineering. 2. Highway  
engineering. 3. Traffic engineering - Saudi  
Arabia. 4. هندسة المرور - السعودية. I. Mufti,  
Rasin K.,ed. II. Title III. Series

**04905**

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B 85 Bu-Bushait, Abdulaziz Abdulrahman  
1985 Development of a flexible pavement  
fatigue model for Washington state/ by  
Abdulaziz A. Bu-Bushait, 1985.  
xiii, 320 leaves : ill. ; 28 cm.  
Thesis: (Ph.D.) - University of  
Washington, 1985.  
1.Pavements, Flexible. 2.Civil engi-  
neering. 3. الهندسة المدنية. I. Title

**04906**

- 625.8  
B 85 Bu-Bushait, Abdulaziz Abdulrahman  
1981 Effectiveness of engineering fabric  
preserving the resilient properties of  
pavements/ by Abdulaziz Abdulrahman  
Bu-Bushait, 1981.  
vi, 96 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of  
Washington, 1981.- Also available microfiche  
no. 1710. - Bibliography: I. 82-84.  
1.Pavements - Design and construction.  
2. الأرصفة. I. Title

**04907**

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S 61 Shihata, Sabry Ahmad  
1983 Effects of prestress level and bond on  
the behavior of prestressed concrete  
pavements/ by Sabry Ahmad Shihata,  
1983.  
2 v.(xix, 320 leaves) ; 29 cm.  
Thesis (Ph.D.) - University of Illinois at  
Urbana-Champaign, 1983. - Also available  
microfiche no. 974.- Bibliography: I. 312-319.  
1. Pavements, Prestressed concrete.  
2. الأرصفة. I. Title

**04908**

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A 32 Abduljabbar, Abdulaziz Mohamad

1984 Effects of fine aggregate geometric characteristics on the properties of asphalt paving mixtures/ by Abdulaziz Mohammad Abduljabbar, 1984.

viii, 66 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Arizona, 1984. - Also available microfiche no. 63. - Bibliography: l. 65-66.

1. Pavements, Asphalt. 2. الارصفة. I. Title

04909

625.85

J 57 Al-Joath, Abdullah Ali

1993 Evaluation of water damage on asphalt concrete mixtures using the environmental conditioning system/ by Abdullah Ali Al-Joath, 1993.

261 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Oregon State University, 1993. - Also available microfiche no. 3346. - Bibliography: l. 122-24.

1. Pavements, Asphalt concrete - Environmental aspects. 2. Pavements, Asphalt concrete - Evaluation. 3. Asphalt concrete - Moisture. 4. القار. I. Title

04910

625.85

J 974 Al-Juraiban, Sulaiman Abdullah

1979 Permanent deformation characteristics of dune sand-asphalt/ Sulaiman Abdullah Al-Juraiban, 1979.

xvi, 215 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1979. - Bibliography: l. 205-215.

1. Pavements, Asphalt concrete. 2. Asphalt Concrete. 3. Soil stabilization. I. Title

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S 34 Al-Salloum, Nasser Mohammad

1973 Fatigue characteristics of an asphalt stabilized dune sand/ by Nasser Mohammad Al Salloum, 1973.

2 v. (xxii, 344 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - University of Arizona, 1973. - Also available microfiche no. 609. - Bibliography: l. 336-344.

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A 62 Ankary, Mosaid

1974 Bituminous pavements/ by Mosaid Ankary, 1974

vi, 143 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Pittsburgh, 1974. - Also available microfiche no. 1790. - Bibliography: l. 137-138.

1. Pavements, Bituminous. 2. سفلتة الطرق. I. Title

04913

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F 268 Fatani, Mohamed-Noor Yaseen

1980 Dune sand-aggregate mixes and dune sand-sulfur mixes for asphaltic concrete pavements/ by Mohamed-Noor Yaseen Fatani, 1980.

2 v. (xxii, 319 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1980. - Also available microfiche no. 775. - Bibliography: l. 312-319.

1. Asphalt Concrete. 2. Pavements, Asphalt concrete. 3. الارصفة. I. Title

04914

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Z 13 Zahran, Shaher Zahran

1988 A mechanistic evaluation of modified asphalt paving mixtures/ by Shaher Zahran Zahran, 1988.

2 v. (xiii, 295 leaves) : ill. ; 29 cm.

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1. Pavements, Asphalt. 2. القار. I. Title

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A 42 Al-Arifi, Muhammad Sulaiman

1980 Design charts for flexible pavements in Arizona/ by Muhammad Sulaiman Al-Arifi, 1980.

viii, 75 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1980. - Also available microfiche no. 1631. - Bibliography: l. 59-60.

1. Pavements, Asphalt Concrete - Arizona. 2. Pavements, Flexible - Arizona. 3. الفترات. I. Title

04916

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A 95 Aburas, Ibrahim Said Ahmed

1992 Structural design of pavement for low volume roads/ by Ibrahim Said Ahmed Aburas, 1992.

vi, [150] leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Leeds, 1992. - Bibliography: l. 97-101.

1. Pavements - Design and construction. 2. الارصفة. I. Title

04917

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A 91 Al-Azzam, Abdulrahman Abdullah

1993 Statistically based acceptance procedures with price adjustment provisions and realistic job mix formula tolerances for flexible pavement materials/ by Abdulrahman Abdullah Al-Azzam, 1993.

xvi, 317 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Florida, 1993. - Also available microfiche no. 3210. - Bibliography: l. 309-316.

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H 275 Al-Hassan, Mohamad Sayed Abdulhamid

1993 Factors affecting quality of pavement construction in Saudi Arabia/ by Mohamad Sayed Abdulhamid Al-Hassan, 1993.

ix, 158, [109] leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Includes bibliography.

1. Pavements - Saudi Arabia - Design and construction. 2. Pavements, Asphalt - Saudi Arabia - Testing. 3. - هندسة الطرق - السعودية. I. Title

04919

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Z 13 Al-Zahrani, Muhammad Abdallah

1995 Stochastic modeling of unsteady open-channel flow/ by Muhammad Abdallah Al-Zahrani, 1995.

xxiii, 330 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1995. - Also available microfiche no. 3672. - Bibliography: l. 251-258.

1. Hydraulic engineering. I. Title

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H 31 Al-Hawas, Assaf A.

1986 A Stream channel shape model/ by Assaf A. Al-Hawas, 1986.

viii, 71 leaves : ill. ; 29 cm.

Thesis (M.A.) - Indiana University, 1986. - Also available microfiche no. 1476. - Bibliography: l. 69-71.

1. Stream channelization. 2. Hydraulic engineering. 3. القنوات. I. Title

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M 984 Al-Muttair, Fouad Fahad

1983 Design of dynamic equilibrium sand-bed canals/ by Fouad Fahad Al-Muttair, 1983.

xviii, 173 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, Fort Collins, 1983. - Also available microfiche no. 688. - Bibliography: l. 128-133.

1. Canals - Design and construction. 2. القنوات. I. Title

04922

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G 341 Al-Ghamdi, Abdulrahman Saeed

1993 On the Sealing ability of different root canal materials/ by Abdulrahman Saeed Al-Ghamdi, 1993.

65 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - Lund University Malmo, Sweden, 1993 - Bibliography: 1. 59-60.

1. Canals - Maintenance and repair .  
2. Hydraulic filling. 3. Water Leakage.  
4. القنوات. I. Title

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A 18 Al-Azba, Abdulrahman Ali

1994 Efficiency of irrigation borders as affected by inflow hydrograph s/ by Abdulrahman Ali Alazba, 1994.

150 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Arizona, 1994. - Bibliography: 1. 142-150.

1. Irrigation engineering. 2. Hydraulic engineering. 3. Hydrography. I. Title

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T 841 Turbak, Abdulaziz S.

1983 Kinematic - wave volume balance models applied to surface irrigation systems/ by Abdulaziz S. Turbak, 1983.

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2. Irrigation canals and flumes. 3. Seepage.  
4. Irrigation engineering. 5. هندسة الري. I. Title

**04925**

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H 88 Humaidan, Saleh Halwan

1980 Policies and management guidelines for optimum resource utilization at Al-Hasa irrigation and drainage project, Saudi Arabia/ by Saleh Halwan Humaidan, 1980.

xiii, 203 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Oklahoma State University, 1980. - Also available microfiche no. 323. - Bibliography: 1. 169-174.

1. Irrigation - Saudi Arabia - Al-Hasa - Management. 2. Drainage - Saudi Arabia - Al-Hasa - Management.  
3. Irrigation farming - Saudi Arabia - Al-Hasa. 4. الإسمودية - الأحساء. I. Title

**04926**

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S 85 Saudi Arabia. Ministry of Agriculture and 1966 Water

[Burayda Drainage Project] : contract agreement entered into at Riyadh on 29th May 1966, ... between the Ministry of Agriculture and Water ... and Thomas Engineering Ltd., Camberly, England. - Riyadh : Ministry of Agriculture and water, 1383 H, 1966. 25 leaves ; 33 cm.

1. Drainage - Saudi Arabia - Buraydah.  
2. Contracts - Saudi Arabia. 3. Hydraulic engineering - Saudi Arabia. I. Thomas Engineering, Ltd., (Camberly), corp. II. Title  
III. Title: Buraydah Drainage Project

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A 32 Abdulrazzak, Mohamed Jamil

1982 Aquifer recharge from an ephemeral stream and the resulting evolution of water table/ by Mohamed Jamil Abdulrazzak, 1982.

xvii, 167 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1982. - Also available microfiche no. 737. - Bibliography: 1. 102-109.

1. Artificial recharge of groundwater.  
2. Water reuse. 3. المياه الجوفية. I. Title

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G 988 Gutub, Saud Abdulaziz

1988 A finite element model of artificial recharge with an impedance layer above the water table/ by Saud Abdulaziz Gutub, 1988.

- xviii, 355 leaves : ill. ; 23 cm.  
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**04929**
- 627.56  
L 453 Layla, Rasheed Ibrahim  
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salt/fresh-water interface coastal aquifers/  
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[s.l.] : [s.n.], 1980.  
xiv, 188 leaves : ill. ; 29 cm.  
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no. 898. - Bibliography: l. 97-105.  
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ing. 3. Saltwater encroachment. 4. Water -  
Analysis. 5. الخنفساء الهيدروليكية. I. Title  
**04930**
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D 149 Al-Dakheel, Abdulrahman M. D.  
1992 Multi-objective multi-means methodology  
to manage groundwater/ by Abdulrahman  
M D. Al-Dakheel, 1992.  
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T 21 Al-Tayeb, Saleh Al-Mubarak  
1985 Vibration analysis of gravity dams/  
Saleh AlMubarak AlTayeb, 1985.  
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1. Dams - Earthquake effects. I. Title  
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Ib 7 Ibrahim, Abdullah M.  
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M. Ibrahim, 1986.  
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**04933**
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S 85 Saudi Arabia. Ministry of Agriculture and  
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- 627.83  
M 984 Al-Mutib, Hammad  
1986 Design of braced cofferdams/ by  
Hammad Almutib, 1986.  
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Thesis (M.Sc.) - University of Missouri-  
Columbia, 1986. - Bibliography: l. 88.  
1. Cofferdams - Design and construction.  
I. Title  
**04935**
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N 141 Nahhas, Tariq Mohammed  
1987 Dynamics of earth dams/ by Tariq  
Mohammed Nahhas, 1987.  
xvii, 271 leaves : ill. ; 29 cm.  
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Os 1 Ossaimi, Ayed Eid  
1973 Consolidation of earth dams during  
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S 17 Safar, Mahmoud Mohamed Safar  
1972 Time-dependent pore pressures in earth  
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- 04938**
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T 13 Taher, Saud Abdul-Gader  
1992 Prototype gis-based decision support  
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engineering. 3. Water - Distribution. 4. مياه.  
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- 04939**
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A 28 Al-Asfoor, Mashhoor Dawood  
1993 Computerized conceptual-cost-estimating  
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Computer programs. 3. المياه. I. Title
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Eastern Saudi Arabia/ by Fayeze A.  
Tayeb.- Jeddah : Tihama, 1983.  
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3. مصادر المياه - السعودية. I. Title II. Series
- 04941**
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A 33 Abed, Sami A.A.  
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hele-shaw model/ by Sami A.A. Abed,  
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Bibliography: l. 130.  
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3. Hele - Shaw model. 4. Artesian wells.  
5. المياه الجوفية. I. Title
- 04942**
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R 528 Abu-Rizaiza, Asad S.  
1994 An integrated support system for a  
Quasi three-dimensional groundwater  
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S. Abu-Rizaiza, 1994.  
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University, 1994. - Bibliography: l. 130-133.  
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models. 3. Aquifers - Mathematical  
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- 04943**

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A 15 Al-Arawi, Maatoug S.

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Ot 3 Al-Othman, Abdulaziz A.

1986 Comprehensive review and use of techniques for determining alluvial aquifer parameters/ Abdulaziz A. Al-Othman, 1986.

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1972 Final completion report : Faisal Settlement Project Haradh/ Wakuti GMBH Consulting Engineers.- Zug, Switzerland: Wakuti GMBH, 1972.

94, 65 leaves : ill., maps ; 30 cm.

Text in English and Arabic. - At head of title : Kingdom of Saudi Arabia, Ministry of Agriculture and Water.

1. Human settlements - Saudi Arabia-Haradh. 2. Bedouins- Rehabilitation- Saudi Arabia- Haradh. 3. Faisal Settlement Project (Haradh). I. Faisal Settlement Project (Haradh), corp. II. Saudi Arabia. Ministry of Agriculture and Water, corp. III. Title

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2 v. : ill. ; 30 cm.

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1. Electric power distribution Saudi Arabia - Haradh. 2. Electric power - Plants- Saudi Arabia - Haradh. 3. Saudi Arabia. Faisal Power Supply Settlement Project (Haradh). I. Faisal Settlement Project (Haradh), corp. II. Saudi Arabia. Ministry of Agriculture and Water, corp.

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W 139 Wakuti GMBH Consulting Engineers

1971 Final report on water wells : Faisal Settlement Project Haradh / Wakuti GMBH Consulting Engineers.- Zug- Switzerland : Wakuti GMBH, 1971.

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1. Faisal Settlement Project (Haradh). 2. Artesian wells- Saudi Arabia - Haradh. 3. Water-Supply - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. Title

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N 319 Nejern, Jamal Khaled

1994 Numerical simulation of groundwater depletion in Al-Hasa area/ Jamal Khaled Nejern, 1994.

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T 21 Tayeb, Fayez A.

1978 The role of groundwater in the irrigation and drainage of the Al-Hasa region of Eastern Saudi Arabia/ by Fayez A. Tayeb, 1978.

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1. Water-supply, Agricultural - Saudi Arabia - Al-Hasa. 2. Wells - Saudi Arabia. 3. Groundwater - Saudi Arabia - Al-Hasa. 4. Irrigation water - Saudi Arabia - Al-Hasa. 5. Groundwater - Saudi Arabia. 6. الري - الأحساء (المسودة). I. Title

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G 272 El-Gefry, Abdulrehman Mohammed

1993 Optimum timing of pipe replacement in water distribution system/ by Abdulrehman Mohammed Elgefry, 1413 H, 1993.

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1. Waterpipes. 2. Water - Distribution. 3. Water-supply engineering. مياه التوزيع. I. Title

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H 182 Al-Hammad, Abdul-Muhsen

1984 A Study of cracks and other deficiencies encountered in prestressed concrete pipes, effectiveness of repair procedures, and its impact on future expansion of the SWC project in Jubail, Saudi Arabia/ by Abdul-Muhsen Abdullah Al-Hammad, 1984.

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Thesis (Ph.D.) - University of Kansas, 1984. - Also available microfiche no. 149. - Bibliography: l. 175-181.

1. Pipe, Concrete. 2. Water-pipes - Saudi Arabia - Al-Jubail - Cracking. 3. Aquatic plants - Saudi Arabia - Al-Jubail. I. Title

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G 187 Al-Garni, Sareh D.M.

1992 Analysis of aluminum, cadmium and lead in local commercially available drinking water by atomic absorption spectrometry/ by Sareh D.M. Al Garni, 1992.

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1986 Determination of petroleum hydrocarbons in water by extraction and gaschromatography/ by Ahmed Al-Twaigri, 1986.

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1. Oil pollution of water - Analysis. 2. Oil pollution of the sea - Analysis. 3. Oil pollution of water - Purification. 4. Gas Chromatography. 5. Chromatographic analysis. 6. تلوث. المياه - تحليل. I. Title

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H 273 Hashim, Majid H. A.

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H 213 Al-Harbi, Mohammed Musad Mohammed

1993 Spatial and temporal variations in trace metal concentrations in sediments, pore water of the forth estuary, and their potential impact on water quality/ by Mohammed Musad Mohammed AlHarbi, 1993.

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K 526 Abu-Khabar, Khalid S.

1986 Principles and applications of the use of bioaugmentation products in municipal and industrial wastewaters/ by Khalid S. Abu-Khabar, 1986.

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1. Water reuse. 2. Sewage - Purification - Biological treatment. 3. المياه - تنقية. I. Title

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A 46 Al-Aama, Muhammad Subhi Abdulhadi

1992 Effect of dissolved Oxygen on the adsorptive capacity of a granular activated charcoal for phenol and o-cresol/ by Muhammad Subhi Abdulhadi Al-Aama, 1992.

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A 32 Al-Abdulal, Abdulrahman I.

1987 Optimization of solid/liquid separation processes using particle size distribution analysis / by Abdulrahman Ibrahim Al-abdulal, 1987.

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1982 Trace volatile organics removal from water and wastewater by air stripping/ by Khaled Hamad Al-Dhowalla, 1982.

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F 268 Fathaddin, Abdulgader

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viii, 119, 8 leaves ; 28 cm.  
Thesis (Ph.D.) - North Carolina State University, 1985. - Also available microfiche no. 46. - Bibliography: l. 114-119.  
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M 276 Magram, Saleh F.  
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**04963**
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J 173 Al-Jadhai, Ibrahim Saad  
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2 v. (xxiii, 355 leaves) : ill. ; 29 cm.  
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M 29 Al-Malak, Muhammad Hassan  
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1987 Methodology for comprehensive water reuse planning/ by Abdullah Mustafa Mohorjy, 1987.  
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**04966**
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B 329 Al-Bawardi, Khaled A.  
1983 Direct filtration of central Arizona project water/ Khaled A. Albawardi, 1983.  
ix, 134 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Arizona, 1983. - Bibliography: l. 104-111.  
1. Water - Purification - Filtration - Arizona. I. Title  
**04967**
- 628.166  
M 88 Al-Mubaddel, Fahd S.  
1988 Effect of column height variation on solvent sublation of trichlorobenzene/ by Fahad S. Al-Mubaddel, 1988.  
ix, 83 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Arkansas, 1988. - Also available microfiche no. 2461. - Bibliography: l. 54-56.  
1. Water- Purification- Organic compounds removal. 2. المياه - تنقية. I. Title  
**04968**
- 628.1662  
J 587 Jodeliah, Abdullah Mohammed  
1985 Removal of humic substances and THM precursors by activated carbon : effects of

- heterogeneity, chemical pretreatment, and system characteristics/ Abdullah Mohammed Modelli Jodellah, 1985.  
xx, 272 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Michigan, 1985. - Bibliography: l. 262-272.  
1. Water - Purification - Trihalo-methanes.  
2. Water - Purification - Chlorination. 3. Water - Analysis. I. Title
- 04969**
- 628.1662  
K 111 **Kabbani, Hassan**  
1985 Pretreatment of synthetic wastewater pentachlorophenol with ultraviolet radiation in connection with ozone/ by Hassan Kabbaru, 1985.  
v, 62 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Tulane University, 1985. - Bibliography: l. 34-36.  
1. Sewage - Purification - Ozonization.  
2. Sewage - Purification - Ultraviolet treatment.  
3. Sewage - Purification - Irradiation. 4. Factory and trade waste - Purification. I. Title
- 04970**
- 628.1663  
N 143 **Naimi, Ali I.**  
1963 Fluoride in ground water/ by Ali I. Naimi.- Stanford : Stanford University, 1963.  
164 leaves : ill. ; 28 cm.- ( Geo ; 400).  
Report on student research project, Department of Geology, Stanford University. This report is not a thesis or dissertation.  
1. Water - Fluoridation. 2. Fluorides.  
I. Title II. Series
- 04971**
- 628.167  
L 497 **Lecture notes on the short course on**  
1994 recent trends in desalination processes, Thulhijja 28-29, 1414 H, June 7-8, 1994 G./ King Saud University. College of Engineering, Department of Chemical Engineering. Saline Water Conversion Corporation -
- Riyadh: King Saud University. College of Engineering, 1994.  
530 p. : ill. ; 29 cm.  
With Arabic title at end paper :  
محاضرات الحلقة الدراسية عن الاتجاهات الحديثة في عمليات التحلية.  
1. Saline water conversion - Study and teaching. 2. Water salinization - Study and teaching. I. King Saud University. College of Engineering, corp. II. Saline Water Conversion Corporation, corp.
- 04972**
- 628.167  
B 937 **Buros, O.K.**  
1990 The Desalting ABCs/ prepared by O.K. Buros.- Riyadh: Saline Water Conversion Corporation. Research Department, 1990.  
49 p. : ill. ; 17X32 cm.  
Prepared for the International Desalination Association, modified and reproduced by Research Department, Saline Water Conversion Corporation.  
1. Saline water conversion - Saudi Arabia. 2. Seawater - Distillation. I. Saline Water Conversion Corporation, corp. II. Title
- 04973**
- 628.167  
R 137 **Rajhi, Hamad Nasser**  
[1975] The optimal multistage capacity-expansion of desalination plants and storage tanks/ by Hamad Nasser Rajhi, [1975].  
xi, 111 leaves ; 29 cm.  
Thesis (M.Sc.) - University of California, [1975]. - Also available microfiche no. 1662. - Bibliography: l. 108-111.  
1. Saline water conversion plants.  
2. Water-storage. 3. المياه - تحلية. I. Title
- 04974**
- 628.167  
S 85 **Saline Water Conversion corporation. Research Department**  
1986 Topics in desalination/ Saline Water Conversion Corporation (SWCC), Research

Department.- Riyadh : S. W. C. C. Research Dept., 1986.

504 p. : ill., (some col.) ; 24 cm.

Papers presented in international symposiums and in seminars and conferences sponsored by the Corporation within Saudi Arabia. - Includes bibliographies.

1. Saline water conversion - Saudi Arabia. 2. Water-supply - Saudi Arabia. 3. Saudi Arabia - Sea-water, Distillation of - Speeches, addresses, etc.. 4. - تجلية للمياه. I. Title

**04975**

628.167

**S 81 Short Course on Desalination Technology**  
1980 (1980 : Jeddah)

A short course on desalination technology : 18-30 March 1980/ King Abdulaziz University, Saudi Arabia; Saline Water Conversion Corporation, Saudi Arabia; University of Glasgow, U.K.- Jeddah: King Abdulaziz University, 1980.

343 p. : ill. ; 30 cm.

1. Saline water conversion. 2. Sea - Water, Distillation of. 3. تجلية للمياه. I. King Abdulaziz University, corp. II. Saudi Arabia. Saline Water Conversion Corporation, corp. III. University of Glasgow, U.K., corp. IV. Title V. Title: Desalination technology

**04976**

628.16709531

**B 644 Book of abstracts : Symposium on**  
1994 desalination process in Saudi Arabia, to be held at the College of Engineering during the period 25-27/12/1414 H, 4-6/6/1994/ King Saud University, College of Engineering, Chemical Engineering Department. Saline Water Conversion Cooperation. - [Riyadh]: King Saud University. College of Engineering, 1994.  
[63 p.] : ill. ; 30 cm.

Introduction and title in Arabic : تلمة. مستخلصات الإيجات المقدمة في عمليات التحلية في المملكة.

1. Saline water conversion - Saudi Arabia - Congresses. 2. Water salinization - Saudi Arabia - Congresses. 3. Sea-water, Distillation of - Saudi Arabia - Congresses. I. King Saud University. College of Engineering, corp. II. Saline Water Conversion Corporation, corp. III. Title: Symposium on desalination processes in Saudi Arabia

**04977**

628.16709531

**H 27 Hasan, Al-Zahrani**

1985 Scale-control to improve the performance of A.M.S.F Plant/ Hasan Al-Zahrani, 1985.

151, [36] leaves : ill. ; 31 cm.

Thesis (M.Sc.) - University of Glasgow, 1985. - Bibliography: I. 149.

1. Saline Water Conversion Plants - Saudi Arabia- Corrosion. 2. Heat exchangers - Incrustations. I. Title

**04978**

628.16709531

**S 33 Saline Water Conversion Corporation**  
[19-] (SWCC)

Water unlimited: Saline Water Conversion Corporation projects in Saudi Arabia.- [s.l.] : [s.n.], [19-].

[96] p. : col. ill., map, ports. ; 29 cm.

1. Saline water conversion - Saudi Arabia. 2. Sea-water, Distillation of - Saudi Arabia. I. Title

**04979**

628.16709531

**S 85 Saudi Arabia. Saline Water Conversion Corporation**

Drinking water project for the city of Riyadh/ Kingdom of Saudi Arabia, Saline Water Conversion Corporation.- Riyadh: Saline Water Conversion Corporation, 1983.

32 p. : col. ill., maps, ports. ; 25 cm.

1. Saline water conversion - Saudi Arabia. 2. Seawater - Distillation - Saudi Arabia. 3. Drinking water - Riyadh. 4. تجلية للمياه. I. Title

**04980**

628.16709531

**S 85 D Saudi Arabia. Saline Water Conversion Corporation**

Le dessalement des eaux salines/  
Kingdom of Saudi Arabia, Saline Water  
Conversion Corporation.- Riyadh : Saline  
Water Conversion Corporation, 198-.

62 p. : col. ill., map, ports. ; 26 cm.

1. Saline water conversion - Saudi Arabia.
2. Sea-Water, Distillation of - Saudi Arabia.
3. تحلية المياه - السعودية. I. Title

**04981**

628.16709531

**S 85 Saudi Arabia. Saline Water Conversion Corporation**

Saline water conversion/ Saline Water  
Conversion Corporation.- [Riyadh]: Saline  
Water Conversion Corporation, 198-.

62 p. : col. ill., map, ports. ; 26 cm.

1. Saline water conversion - Saudi Arabia.
2. Sea-Water - Distillation of - Saudi Arabia.
3. تحلية المياه - السعودية. I. Title

**04982**

628.16709531

**S 85 Saudi Arabia. Saline Water Conversion Corporation**

The Fresh water from the sea/ Kingdom  
of Saudi Arabia, Saline Water Conversion  
Corporation.- [Riyadh]: Saline Water  
Conversion Corporation, [198-].

36 p. : col. ill., ports. ; 26 cm.

1. Saline water conversion - Saudi Arabia.
2. Sea-Water - Distillation - Saudi Arabia.
3. تحلية المياه - السعودية. I. Title

**04983**

628.16720953127

**A 61 Abkar, Ahmed A.**

Design and economic study of a 2.5  
mgd: a multi stage flash distillation  
desalination plant for "Al-Konfedah" city  
and its villages/ Ahmed A. Abkar, 1976.

vii, 144 leaves : ill., maps ; 31 cm.

Thesis (M.E.) - University of Glasgow,  
1976. - Bibliography: l. 127-128.

1. Saline water conversion plants - Saudi Arabia - Al-Qunfudah - Design and construction.
2. Saline water conversion plants - Saudi Arabia - Al-Qunfudah - Economic aspects.
3. Saline water conversion - Saudi Arabia - Al-Qunfudah - Flash distillation process. I. Title

**04984**

628.16723

**A 32 Abdul-Fattah, Abdul-Rahman Ahmed Foad**

Some aspects of nuclear desalination/  
by Abdul-Rahman Ahmed Foad Abdul-  
Fattah, 1974.

v, 173 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of California,  
Berkeley, 1974. - Also available microfiche  
no. 1696. - Bibliography: l. 170-173.

1. Saline water conversion - Distillation process.
2. Nuclear saline water conversion plants. 3. تحلية للمياه. I. Title

**04985**

628.1672309531

**A 32 Abdul-Fattah, Abdul-Rahman Ahmed**

1978 Engineering and safety analysis of dual-  
purpose nuclear desalination plants : a  
case study (Saudi Arabia) / by Abdul-  
Rahman Ahmed-Foad Abdul-Fattah.- [s.l.]  
: [s.n.], 1978 .

2 v. (440 leaves) ; ill.

Thesis (Ph.D.) - Iowa State University,  
1978. - Bibliography: l. 341-355. - Also  
available microfiche no. 1486. - Library has  
two copies of vol. 1.

1. Saline water conversion - Saudi Arabia.
2. Saline water conversion - Safety measures.
3. Nuclear power plants - Saudi Arabia.
4. Nuclear power plants - Safety measures.
5. تحلية المياه - السعودية. I. Title

**04986**

628.1672309531

K 969 Kutbi, Ibrahim Ismail

1981 Reliability and system analysis of nuclear desalination plants based on operation experience/ by Ibrahim Ismail Kutbi, 1981.

2, x, 277 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Iowa State University, Ames, 1981. - Also available microfiche no. 1060. - Bibliography: l. 212-216.

1. Saline water conversion. 2. Nuclear saline water conversion plants. 3. Nuclear saline water conversion plants - Saudi Arabia. 4. تحلية المياه - السعودية. I. Title

04987

628.16725

A 78 Al-Amri, Ali Mufarreh Saleh

1986 Water desalination using nocturnal radiation cooling/ Ali Mufarreh Saleh Al-Amri, 1986.

vii, 69 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Missouri-Rolla, 1986. - Bibliography: l. 49-50.

1. Saline water conversion - Distillation process. 2. Solar stills. I. Title

04988

628.16725

B 148 Bahobail, Mohammed A.

1991 Solar distillation heat pipe still/ by Mohammed A. Bahobail, 1991.

112 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Kansas, 1991. - Bibliography: l. 74-77.

1. Distillation apparatus. 2. Solar still. 3. Solar saline water conversion plants. 4. Water - Purification - Distillation process. 5. تحلية المياه. I. Title

04989

628.1672509531

Is 5 Ismail, Basel Ismail A.

1992 Optimal assessment of using solar and wind power for desalination on the eastern coast of Saudi Arabia/ by Basel Ismail, 1992.

xxiv, 276 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 270-276.

1. Solar saline water conversion plants - Saudi Arabia. 2. Saline water conversion - Saudi Arabia. 3. Power resources - Saudi Arabia. 4. تحلية المياه - السعودية. I. Title

04990

628.1672509531

J 316 Jastaniah, Osama Rashad

1980 Planning for the development solar distillation in Saudi Arabia : a public policy plan/ by Osama Rashad Jastaniah, 1980.

x, 136 leaves : ill., maps ; 29 cm.

Thesis (M.A.) - California State University, Chico, 1980. - Also available microfiche no. 1406. - Bibliography: l. 113-115.

1. Saline water conversion - Saudi Arabia - Distillation process. 2. تحلية المياه - السعودية. I. Title

04991

628.1674

N 112 Al-Nabulsi, Mohamed Yousef Ali

1982 A study of potential reverse osmosis foulants/ Mohamed Yousef Ali Al-Nabulsi, 1982.

ix, 141 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1982. - Bibliography: l. 138-141.

1. Saline water conversion - Reverse osmosis process. 2. Reverse osmosis. 3. Saline water conversion plants. 4. Membranes (Technology). I. Title

04992

628.168

M 725 Mohammed, Niaz

1995 Effect of groundwater velocity and dissolved oxygen on bioremediation of gasoline-contaminated sandy aquifers/ by Niaz Mohammed, 1995.

xii, 265 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 188-220.

1. Groundwater - Pollution - Purification
- Biological treatment
2. Environmental engineering.
3. Contamination (Technology).
4. Aquifers. I. Title

**04993**

628.1680953001

S 14 Al-Shaikh, Said Abdulla

1986 Marine pollution in the Arabian Gulf and the need for decentralized ecological planning/ by Said Abdulla Al-Shaikh x, 91 p. : ill. ; 28 cm.

Thesis (M.Sc.) - University of Oregon, 1986.

1. Marine pollution - Arabian Gulf.
2. المياه - تلوث. I. Title

**04994**

628.16832

A 54 Amin, Ammar Abdulmonem Mohammed

1994 Location of natural solution Hazards in chalk/ by Ammar Abdulmonem Mohammed Amin, 1994.

vi, 292 leaves : ill. (Some col.), maps. ; 30 cm.

Thesis (Ph.D.) - University of East Anglia, 1994. - Bibliography: l. 151-164.

1. Oil spills - Environmental aspects - Britain.
2. Mine drainage - Environmental aspects - Britain.
3. Acid mine drainage - Environmental aspects - Britain.
4. Environmental engineering. I. Title

**04995**

628.16833

R 812 Royal Commission for Jubail and Yanbu

Khaleej Mardumah oil slick : clean-up operations/ Royal Commission for Jubail and Yanbu.- Madinat Al-Jubail Al-Suriyah, Saudi Arabia : Royal Commission for Jubail and Yanbu, 1991.

17 p. : col.ill., maps, port. ; 28 cm.

1. Oil spills - Saudi Arabia - Cleaning.
2. Oil spills and wildlife - Saudi Arabia.
3. Oil spills - Environmental aspects - Saudi Arabia. I. Title

**04996**

628.168330953001

N 88 Al-Nusaim, Maha A.

1994 An analysis of the capabilities and limitations of oil spill technologies used in different coastal environment in the Arabian Gulf/ Maha A. Alnuaim, 1994.

26, [11] leaves : ill., maps. ; 30 cm.

Thesis (M.A.) - Hunter College Cuny, 1994. - Also available microfiche no. 3593. - Bibliography: l. 23-25.

1. Oil spills - Environmental aspects - Arabian Gulf.
2. Oil spills - Cleaning.
3. Contamination (Technology).
4. Oil pollution of the sea - Arabian Gulf. I. Title

**04997**

628.1685

J 316 Jastaniah, Saddig D.

1993 Measurements of radioactive Rn-222 and its mitigation in water from local wells/ by Saddig D. Jastaniah, 1993.

xiii, 114, 1 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 102-107.

1. Radioactive pollution of waters. I. Title

**04998**

628.35

G 341 Abu-Ghararah, Ziad Hamza

1988 The effect of influent organic compounds on the performance of biological nutrient removal systems/ by Ziad Abu-Ghararah, 1988.

xiv, 203 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Virginia Polytechnic Institute and State University, 1988. - Also available microfiche no. 2411. - Bibliography: l. 164-69.

1. Sewage - Purification - Biological treatment.
2. Environmental biotechnology.
3. Water - Purification - Biological treatment. I. Title

**04999**

628.35

A 52 Ahmed, Abdissalam Mohamed

1993 Modeling of biological wastewater treatment in sequencing batch reactors/ by Abdissalam Mohamed Ahmed, 1993.

xii, 119 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 113-119.

1. Water - Purification - Biological treatment. 2. Sanitary microbiology. 3. Sewage - Purification - Biological treatment. I. Title

05000

628.35

Z 13 Zahid, Waleed M.K.

1993 Physical properties of rotating biological contactor biofilms/ by Waleed M.K. Zahid, 1993.

xii, 206 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Toronto, 1993. - Bibliography: l. 198-206.

1. Sewage - Purification - Biological treatment. 2. الصرف الصحي. I. Title

05001

628.352

Y 88 Al-Yousef, Ali Khamis

1990 Performance of slow sand filters in treating secondary effluent using different sizes of local sand/ by Ali Khamis Al-Yousef, 1990.

xvi, 194 p. : ill. ; 28 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1990. - Bibliography: l. 187-194.

1. Water - Purification - Filtration. 2. Sewage - Purification - Filtration. 3. المياه - تنقية. I. Title

05002

628.352

K 527 Khan, Asad Mohammad

1995 Removal of coliphage and bacteria through slow sand filtration/ by Asad Mohammad Khan, 1995.

xiv, 174 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - with Arabic summary. - Bibliography: l. 171-174.

1. Water - Purification - Slow sand filtration. 2. Sewage - Purification - Biological treatment. 3. Sewage - Purification - Filtration. 4. Bacteriophage T4. I. Title

05003

628.352

S 35 Salman, Shuaib

1995 Impact of process variables on nutrient removal in slow sand filters/ by Shuaib Salman, 1995.

viii, 195 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - With Arabic summary. - Bibliography: l. 185-188.

1. Water - Purification - Slow sand filtration. 2. Sewage - Purification - Filtration. I. Title

05004

628.358

Z 13 Abu-Zaid, Nabil Said Fuad

1993 Effect of dissolved oxygen on activated carbon uptake/ by Nabil Said Fuad Abuzaid, 1993.

xxi, 376 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 371-375.

1. Sewage - Purification - Organic compound removal. 2. Water - Dissolved oxygen. 3. Water - Composition. I. Title

05005

628.3580953131

S 55 Al-Senan, Abdrabalamir Ahmed

1994 Evaluation of Dammam carousel treatment plant for nitrogen removal/ by Abdrabalamir Ahmed Al-Senan, 1994.

xii, 85 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 81-85.



1. Sewage - Purification - Nitrogen removal.
2. Sewage disposal plants - Dammam. 3. Sewage - Dammam - Purification - Nitrogen removal.
4. الصرف الصحي - الدمام. I. Title

**05006**

628.3620953111

N 17 Naseer, Samier Abdulkadir

- 1978 Sewage effluent : a partial solution to Riyadh's water problem/ by Samier Abdulkadir Naseer, 1978.

x, 129 leaves : ill., maps, 29 cm.

Thesis (M.Sc.) - University of Arizona,

1978. - Also available microfiche no. 177164. - Bibliography: l. 125-129.

1. Sewage disposal - Riyadh. 2. Sewage irrigation - Riyadh. 3. Sewage disposal - Saudi Arabia. 4. الرياض - الصرف الصحي. I. Title

**05007**

628.4458

H 856 Al-Hozaimy, Abdulrahman M.

- 1993 Recycling of reactive and reinforcing by products in concrete construction : new developments and assessment of long-term performance/ by Abdulrahman M. Alhozaimey, 1993.

xvi, 230 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Michigan State University, 1993. - Also available microfiche no. 3427. - Bibliography: l. 225-230.

1. Recycling (Waste, etc.). 2. Refuse and refuse disposal. 3. النفايات. I. Title

**05008**

628.530285

G 182 Gari, Lutfallah

- 1983 Application of computer modeling to estimate air pollution concentrations in central Florida Research Park/ by Lutfallah Gari. - [s.l.] : [s.n.], 1983.

viii, 96 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Central Florida, 1983. - Bibliography: l. 95-96. - Also available microfiche no. 1488.

1. Air - Pollution - Computer programs.
2. Air - Pollution - Data processing. 3. الهواء - تلوث. I. Title

**05009**

628.530942769

S 13 Al-Shahrany, Ali Omair M.

- 1994 Nitrogen dioxide concentrations in air in Lancaster/ Ali Omair M. Al-Shahrany, 1994.

iii, 35 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - Lancaster University,

1994. - Bibliography: l. 33-35.

1. Nitrogen dioxide - Environmental aspects - Lancaster County (Pa.). 2. Air - Pollution - Environmental aspects - Lancaster County (Pa.). I. Title

**05010**

628.535

A 94 Abulleif, Khalid

- 1989 The quantification and removal of radon accumulated on ion exchange resin/ by Khalid Abulleif, 1989.

xii, 58, [38] leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Houston, 1989. - Also available microfiche no. 2536. - Bibliography: l. 55-57.

1. Radon - Isotopes. 2. Environmental engineering. 3. Gums and resins, Synthetic. 4. الهيدروجين. I. Title

**05011**

628.535

H 117 Al-Haddad, Khalid Noor-Ud-Din

- 1994 Optimization of liquid scintillation counting for Rn-zzz assay in spring water/ by Khalid N. Al-Haddad, 1994.

xv, 127 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdul Aziz University, 1994. - Bibliography: l. 109-119.

1. Radioactive substances. 2. Radioactive pollution of water. 3. Radon measures. I. Title
- II. Title: الملوثات المائية في المياه الجوفية. ٢٢٢. الرادون

**05012**

628.535

K 115 Kadi, Mohammad W.A.

- 1993 Measurement of atmospheric radon/ by Mohammad W.A. Kadi, 1993. 88 leaves : ill. ; 28 cm. Thesis (M.Sc.) - University of Salford, 1993. - Bibliography: 1. 85-88. 1.Radon 2.Radon measures. 3.Atmospheric radon. I. Title

05013

628.535

Q 12 Qari, Talha M.H.

- 1992 Analysis of radon assay under different simulated environmental conditions/ Talha M.H. Qari, 1992. xviii, 135 leaves : ill. ; 30 cm. Thesis (M.Sc.) - King AbdulAziz University, 1992. - Bibliography: 1. 125-135. 1.Radon. 2. Atmospheric radon. 3.Radon measures. 4.Air-pollution. 5.Environmental protection. 6. رادون. I. Title

05014

628.742

H 127 Hakami, Ahmad Muhsen Attiyah

- 1976 Septic tank effluent disposal by evapotranspiration/ by Ahmed Muhsen Attiyah Hakami.- [s.l.] : [s.n.], 1976. vii, 55 leaves : ill. ; 29 cm. Thesis (M.Sc.) - University of Arizona, 1976. - Also available microfiche no. 1629. - Bibliography: 1. 53-54. 1. Septic tanks - Treatment. 2. ممرانات مياه الصرف الصحي. I. Title

05015

628.9222

S 73 Shokri, Mokhtar Y.

- [19-] Predicting thermal radiation from large open pool fires/ by Mokhtar Y. Shokri, [19-]. ii, 160 leaves : ill. ; 29 cm. Thesis (M.Sc.) - Worcester Polytechnic Institute, [19-]. - Also available microfiche no. 1883. - Bibliography: 1. 151-160. 1.Fire prevention- Research. 2.Radiation - Measurement. 3. الحرق. I. Title

05016

629.04

G 117 Al-Gadhi, Saad H.

- 1990 Characterization of crowd behavior and movement/ Saad A.H. AlGadhi, 1990. xiv, 223 leaves : ill. ; 28 cm. Thesis (Ph.D.) - University of Texas at Austin, 1990. - Bibliography: 1. 216-223. 1.Transportation engineering. 2.Collective behavior. 3.Crowds. 4.Makkah Al-Mukarramah - Description. I. Title

05017

629.04

Z 13 Al-Zahrani, Abdulrahman Hamoud

- 1983 Simplified land-use and transportation planning techniques for small - and medium-sized cities/ by Abdulrahman Hamoud Al-Zahrani, 1983. x, 165 l. : ill. ; 29 cm. Thesis (Ph.D.) - Washington State University, 1983. - Also available microfiche no. 35. - Bibliography: 1. 135-141. 1.Transportation engineering. 2.Transportation - Planning. 3. Cities and towns - Transportation. 4. هندسة النقل. I. Title

05018

629.1

G 187 Al-Garni, Ahmed Z.

- 1991 Performance and control of ascending trajectories to minimize heat load for transatmospheric aero-space planes/ by Ahmed Z. Al-Garni, 1991. xx, 347 leaves : ill. ; 28 cm. Thesis (Ph.D.) - University of Maryland, 1991. - Bibliography: 1. 340-347. 1.Aeronautics. 2. Astronautics. 3. علوم الفضاء. I. Title

05019

629.1323

A 29 Asghar, Asad

- 1992 Experimental investigations of the vortex flow behind a circular cone at high angles of attack/ by Asad Asghar.- [s.l.] : [s.n.], 1992. xx, 161 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd Univ. of Petroleum and Minerals, 1992.- Bibliography. p. 50-57.

1. Aerodynamics. 2. Aerodynamics. 3. Supersonic. 3. Vortex-motion. 4. حركة الحركية. I. Title

**05020**

629.1323

N 91 Nuhait, Abdullah O.

1988 Numerical simulation of feedback control of aerodynamic configurations in steady and unsteady ground effects/ by Abdullah O. Nuhait, 1988.

xv, 173 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Virginia Polytechnic Institute and State University, 1988. - Also available microfiche no. 2250. - Bibliography: l. 155-158.

1. Aerodynamics - Mathematical models. 2. Airplanes - Models - Aerodynamics. 3. Airplanes - Control systems. 4. الحركة الجرفية. I. Title

**05021**

629.132305

J 936 Juhany, Khalid A.

1993 Supersonic film cooling including the effect of shock wave interaction/ by Khalid A. Juhany, 1993.

xv, 175 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - California Institute of Technology, 1993.- Also available microfiche no. 3390. - Bibliography: l. 172-175.

1. Shock waves. 2. Aerodynamics, Supersonic. 3. حركة الحركية. I. Title

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G 187 Al-Garni, Ahmed Z.

1983 Vortex modelling of the discrete winds encountered in severe clear-air turbulence/ by Ahmed Z. Al-Garni, 1983.

vii, [55] p. ; 29 cm.

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1. Clear air turbulence. 2. Vortex generators. 3. Aerodynamics. 4. التوربينات. I. Title

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S 12 Saati, Abdulmannan A.

1991 Numerical simulation of compressible couette flow stability : non-linear and three-dimensional effects/ by Abdulmannan A. Saati, 1991.

xxiii, 166 leaves : ill. ; 29 cm.

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1. Aeronautics - Simulation methods. 2. Aerospace telemetry. 3. Air flow. 4. Turbulence - Simulation methods. 5. هندسة الطيران. I. Title

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N 125 Nadhrah, Essam Gameel

1995 A total quality approach : flight crew training for windshear microburst encounter/ Essam Gameel Nadhrah, 1995.

vi, 62 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Central Missouri State University, 1995. - Also available microfiche no. 3621. - Bibliography: l. 51-52.

1. Airplanes - Piloting - Human factors. 2. Wind shear. 3. Microbursts. I. Title

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Q 67 Al-Qutub, Amro Mohammad

1992 Supersonic jet impingement on a flat surface at angles from -5 [degree] to 30 [degree]/ by Amro Mohammad Al-Qutub, 1992.

xv, 116 leaves : ill. ; 29 cm.

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1. Jet planes - Mathematical models. 2. الطائرات النفاثة. I. Title

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D 537 Al-Dheyilan, Khalid A.

1985 An experimental investigation of mast bumping in helicopters/ by Khalid A. Al-Dheyilan, 1985.

x, 93 leaves : ill. ; 29 cm.

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1. Helicopters - Aerodynamics. 2. Rotors (Helicopters) - Aerodynamics. 3. الطائرات. I. Title

05027

629.13432

A 17 Hamad, Ghassan Mahmoud Fawzi

1979 Unsteady forces acting upon a lifting airfoil with thickness in transverse and longitudinal periodic gust/ by Ghassan Mahmoud Fawzi Hamad, 1979.

xiv, 142 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Notre Dame, 1979. - Also available microfiche no. 108. - Bibliography: l. 140-142.

1. Aerofoils. 2. Airplanes - Control surfaces. 3. الطائرات. I. Title

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A 17 Hamad, Ghassan Mahmoud Fawzi

1981 Sound generated in a cascade of airfoils by three-dimensional disturbances convected in a subsonic flow/ by Ghassan Mahmoud Fawzi Hamad, 1981.

xviii, 185 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Notre Dame, Indiana, 1981. - Also available microfiche no. 536. - Bibliography: l. 183-185.

1. Rotors - Vibration. 2. Air-turbines. 3. Aerofoils. 4. هندسة الطيران. I. Title

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629.1352

F 334 Felemban, Marwan Nasser

1995 Reengineering focus database application/ by Marwan Nasser Felemban, 1995.

[66], 3, [5] leaves : ill. ; 28 cm.

At head of title. apston project : Fall 1995 subtitle from leave 2 : Flight design and dynamics discrepancy reporting system user's guide.

1. Database management flight recorders - Data processing. 2. Data base design. 3. Flight - Data processing. I. Title

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V 75 Vine, P.

1979 Progress report : studies of the aquaculture potential of Saudi Arabia/ P. Vine, N. Peacock and T. Osborne.- Riyadh: Ministry of Agriculture and Water, 1979.

14, [3] l. : ill., map ; 33 cm. - (Fisheries Development Project. Field report; no. 29).

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F 11 Al-Faadhel, Abdollah A.

1989 Automated automobile sales system/ by Abdollah A. Alfaadhel, 1989.

2 v. ; 28 cm.

Thesis (M.A.) - Sangamon State University, 1989. - Also available microfiche no. 2616. - Bibliography: l. 28 (v.1).

1. Automobiles - Marketing - Computer programs. 2. السيارات. I. Title

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A 47 Al-Atiki, Khaled M.

1982 Evaluation system for the automobile program in the vocational training center Riyadh, Saudi Arabia/ by Khalid M. Al-Atiki, 1982.

v, 72 leaves ; 30 cm.

Thesis (M.A.) - University of Wisconsin  
- Stout, 1982. - Also available microfiche no.  
1878. - Bibliography: l. 53-54.

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2. Automobiles - Maintenance and repair - Vocational guidance - Saudi Arabia.
3. Vocational education - Saudi Arabia.
4. Technical education - Saudi Arabia.
5. السيارات - اصلاح. I. Title

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**M 713 Mobile instrumentation package for  
1994 monitoring tractor performance /**  
Saleh A. Al-Suhaibani... [et al.] - Riyadh:  
King Saud University, College of  
Agriculture, 1414 H, 1994.

26, 3 p. : ill. ; 24 cm. - (Agricultural  
Research Center. Research bulletin ; no. 40).

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1. Tractors - Saudi Arabia - Performance.
2. Agricultural machinery . 3. Massey  
Ferguson - Performance. I. Al-Suhaibani,  
Saleh A., auth. III. Series

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**G 535 Al-Gobaisi, Saleh**

**1994 An electromagnetic vehicle based on  
the concept of linear induction motor/ by**  
Saleh Al-Gobaisi, 1994.

vii, 51 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Wayne State  
University, 1994. - Bibliography: l. 50-51.

1. Electric vehicles. 2. Motor vehicles.
3. Automobiles, Electric. I. Title

**05035**

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**Z 13 Al-Zahrnani, Iyad Talal**

**1993 Performance evaluation and multiobjec-  
tive optimization of passive vehicle  
suspension systems/ by Iyad Talal Al-  
Zahrnani, 1993.**

xiii, 195 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals, 1993. -  
Bibliography: l. 171-173.

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2. Vehicles. 3. Automobiles - Springs and  
suspension. 4. السيارات. I. Title

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**S 85 Saudi Arabian Standards Organization**

**1981 Motor vehicles-front and rear exterior  
protection device for passenger cars  
(bumpers, etc....) and its methods of test/  
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tion for G.C.C countries; Saudi Arabian  
Standards Organization.- Riyadh: Board  
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5 p. : ill. ; 30 cm. - ( Gulf standard;  
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Standards - Saudi Arabia. 2. Motor vehicles -  
Transmission devices- Standards - Arabian  
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corp. II. Title III. Series IV. Series: Saudi  
standard, no. 273/1981

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**S 85 Saudi Arabian Standards Organization**

**[19-] Motor vehicles flammability of interior  
parts materials and testing methods/ Saudi  
Arabian Standards Organization.- Riyadh:  
Saudi Arabian Standards Organizations,  
[19-].**

7 p. : ill. ; 29 cm. - ( Saudi standards;  
no. 449).

1. Motor vehicles - Fires and fire  
prevention - Standards - Saudi Arabia.
2. Motor vehicles - Safety appliances -  
Standards - Saudi Arabia. I. Title II.  
Series

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S 43 Samarkandy, Mohamad K.

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Thesis (Ph.D.) - Stanford University,

1981. - Bibliography: 1. 292-294.

1. Artificial satellites. 2. Space stations.

3. Geostationary satellites. I. Title

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Z 34 Abu-Zeld, Farid M.

1982 Design of a three-body spacecraft pointing model using analog and digital techniques/ by Farid M. Abuzeid, 1982.

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Thesis (M.Sc.) - California State University, Long Beach, 1982. - Also available microfiche no. 1987. - Bibliography: p. 128-129.

1. Space vehicles - Design and construction. 2. Space vehicle - Attitude control systems. 3. Space vehicles - Vibration. 4. Space vehicles - Optical equipment. 5. Hubble Space Telescope. 6. - مركبات الفضاء. I. تصميم. I. Title

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A 31 Akeel, Saleh

1986 Secondary motion and induced velocities in a propulsor/ by Saleh Akeel, 1986.

xix, 339 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Mississippi,

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2. Speed. 3. Motion. 4. - مركبات الفضاء. I. Title

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S 61 Al-Sinan, Fouad Mansoor

1986 Evaluation of construction management contracts in developing countries/ by Fouad Mansoor Al-Sinan, 1986.

2 v. (ivx, 330 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - Purdue University, 1986. - Also available microfiche no. 684. - Bibliography: 1. 272-286.

1. Construction contracts - Developing countries - Management. 2. Construction industry - Developing countries - Management. 3. عقود ومساكنات. I. Title

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A 11 Al-Asad, Nasif Mustafa Nassar

1989 Self-tuning control of multivariable systems through direct identification of a right difference operator representation/ by Nasif M.N. Al-Asad. - [s.l.] : [s.n.], 1989.

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2. Automatic control. 3. التحكم الآلي. I. Title

05043

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B 293 Al-Bassam, Bassam Ahmed O.

1992 Partial eigenstructure assignment with output feedback/ by Bassam Ahmed O. Al-Bassam, 1992.

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Thesis (M.Sc.) - State University of New York, 1992. - Bibliography: 1. 63.

1. Control theory. 2. Automatic control - Sensitivity. 3. Feedback control systems. 4. التحكم الآلي. I. Title

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S 14 Al-Shaikh, Abdul-Aziz Abdallah

1980 Modal control by state feedback : an innovative methodology/ Abdul-Aziz Abdallah Al-Shaikh, 1980.

vi, 70 leaves ; 29 cm.

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T 847 Al-Turki, Ali Menia

1984 Theory and applications of multivariable self-tuning regulators/ by Menia Al-Turki, 1984.

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E 35 Eshmawi, Abdul-Majid M.

1981 Analysis and synthesis of minimum round off fixed point digital compensators/ Abdul-Majid Matoug Eshmawi, 1981.

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1. Digital control systems. 2. Electric filters, Digital. 3. Capacitors, Synchronous. I. Title

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B 39 Al-Bedah, Bedah M.

1978 The D/P PD = -Q matrix equation in control system optimization/ by Bedah M. Al-Bedah, 1978.

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Thesis (M.Sc.) - University of Bridgeport, 1978.- Also available microfiche no. 1199. - Bibliography: l. 58-60.

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D 957 Al-Duwaish, Hussain Naser

1995 Identification and control of nonlinear dynamical systems using multilayer feedforward neural networks and autoregressive moving average models/ by Hussain Naser Al-Duwaish, 1995.

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Thesis (Ph.D.) - Colorado State University, 1995. - Also available microfiche no. 3653. - Bibliography: l. 190-199.

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S 19 Al-Sahli, Khaled A. S., (1963--)

1995 A neural network approach to feedback linearization/ Khaled A. S. Al-Sahli, 1995.

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B 179 Bakri, Talal M.

1981 Direct optimization for system regulation using output dynamic compensation/ Talal M. Bakri, 1981.

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1. Control theory. 2. Feedback control systems. I. Title

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D 74 Dosari, Radaan A.

1988 Finiteword length state observer/ by Radaan A. Dosari, 1988.

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Thesis (M.Sc.) - University of Dayton, 1988. - Also available microfiche no. 2080. - Bibliography: l. 56.

1. Control theory. 2. Observers (Control theory). 3. التحكم الآلي. I. Title

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H 128 Halawani, Talal Umar

1983 An optimal control approximation for a certain class of nonlinear filtering problems/ by Talal Umar Halawani, 1983.

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Thesis (Ph.D.) - Oregon State University, 1983. - Also available microfiche no. 996. - Bibliography: I. 118-120.

1. Structural optimization. 2. Sequential analysis. 3. Nonlinear Control theory. 4. التحكم الآلي. I. Title

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B 179 Bakri, Talal M.

1984 Parametric approach to eigenstructure assignment and robustness analysis/ by Talal M. Bakri, 1984.

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1. Eigenfunctions. 2. Distribution (Probability theory). 3. Eigenvectors. 4. Automatic control. 5. التحكم الآلي. I. Title

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B 166 Al-Baiyat, Samir Alwan

1986 Nonlinear feedback synthesis : a volterra approach/ by Samir Alwan Al-Baiyat. [s.l.] : [s.n.], 1986.

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S 51 Al-Sulaimi, Maher

1994 Mathematical model and controller design for a nonlinear system/ Maher Al-Sulaimi, 1994.

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1. Nonlinear central theory - mathematical models. I. Title

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S 13 Al-Shahrani, Abullah M. R.

1983 Translator design for data exchange between computer controlled networks used in automated integrated manufacturing/ by Abdullah M. R. Al-Shahrani, 1983.

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1. Automatic control. 2. Automatic data collection systems. 3. Computer integrated manufacturing systems. 4. Manufacturing processes - Automation. 5. التحكم الآلي. I. Title

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M 732 Molhem, Mobarak Ahmed

1983 A computer program to aid in the design of linear multivariable control systems/ by Mobarak Ahmed Molhem, 1983.

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1. Automatic control - Computer program. 2. Multivariable (Computer program). 3. التحكم الآلي. I. Title

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B 179 Bakhshwain, Jamil Mosallam

1989 Nonlinear stability analysis and control of dynamical robotic systems/ by Jamil Mosallam Bakhshwain, 1989.

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A 48 Aliyu, Mohammed Dikko S.  
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application/ by Mohammad Dikko S.  
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B 198 Balila, Mazin A.  
1984 Robot path-planning using geometric  
modelling systems/ Mazin A. Balila, 1984.  
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Thesis (Ph.D.) - University of Leeds,  
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3. Robots - Motion. I. Title
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M 288 Al-Majed, Mohammed Ibrahim Abdullah  
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2. Computerized instruments. 3. Comput-  
ers, Special purpose. 4. Process control.  
5. Automatic control. I. Title
- 05062**
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S 91 Al-Suwailam, Abdullah M.  
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correlator for high bandwidth data :  
polarity correlation is performed from  
zero-crossing time data logged by DMA  
controllers at speeds of up to 65 KHZ .../  
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- Saudi Arabia - Congresses. 3. مؤتمرات.  
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and environmental pollution

- v. 5. Animal production - v. 6. Food industries and dairying. - v. 7. Agricultural engineering- v. 8. Socioeconomic agricultural sciences. - Text in English and Arabic and Title: **المجلد العلمي للمؤتمر الزراعي الأول للمسلمين**.  
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T847 Al-Turki, Ibrahim Abdulaziz

1986 Modeling the Saudi Arabian agricultural sector for planning and policy analysis/ by Ibrahim Abdulaziz Al-Turki, 1986.

xvii, 489 l.; 28 cm.

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1. Agriculture - Models. 2. الزراعة - السعودية. I. Title

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S 85 Saudi Arabia. Ministry of Agriculture and Water [19-]

Contract for water and agriculture development studies area VIII (modified)/ Ministry of Agriculture and Water.- Riyadh : Ministry of Agriculture and water, [19-].

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H 186 Al-Hamoudi, Khalid A.

1984 An evaluation of the current national agricultural database in Saudi Arabia : an information system approach/ by Khalid A. Al-Hamoudi, 1984.

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G 341 Al-Ghamdi, Mohammed Hamed

1986 Methods of disseminating agricultural information to the farmers and farm advisors of Al-Hassa oasis in Saudi Arabia/ by Mohammed Hamed Al-Ghamdi, 1986.

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1. Agriculture - Research - Saudi Arabia - Al-Hasa. 2. Agriculture - Research - Saudi Arabia. 3. الزراعة - بحوث - السعودية. I. Title

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[1970]- Research and development at the Hofuf Agricultural Research Centre, Saudi Arabia, report for .... - [1970]-/ By the Team from the University College of North Wales, [Bangor].- [s.l.] : Hofuf Agricultural Research Centre, [1970]- . v. ; 21 cm.

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Z 13 Al-Zaidi, Abdullah A.

1982 Adequacies of curriculum and training in agriculture provided at three Saudi institutions as assessed by administrators, instructors, senior students, and regional directors/ by Abdullah A. Al-Zaidi, 1982.

xi, 145 leaves ; 28 cm.

Thesis (Ph.D.) - Oklahoma State University, 1982. - Also available microfiche no. 2460. - Bibliography: l. 118-120.

1. Agriculture - Study and teaching (Higher) - Saudi Arabia. 2. - التعليم الزراعي - السعودية. I. Title

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F 229 Farm engineering training centre Riyadh 1971 - Riyadh: Farm Engineering Training Centre, 1971.

v, 98 p. : ill. ; 27 cm.

A project of the government of the Kingdom of Saudi Arabia assisted by the United Nations Development Programme and Food and Agriculture Organization of the United Nations.

1. Agricultural engineering - Saudi Arabia. 2. Agricultural machinery - Vocational guidance - Saudi Arabia. 3. السعودية. I. F.A.O., corp.

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J 898 Al-Judia, Abdelaziz Hamdan

1987 The training needs of agricultural extension agents in Riyadh, Saudi Arabia/ by Abdelaziz Hamdan Eljudia.- [s.l.] : [s.n.], 1987.

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1. Agricultural extension workers - Training of - Saudi Arabia. 2. - الزراعة السعودية. I. Title

**05074**

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S 61 Shibah, Mohammed Mostafa

1978 Agricultural training needs of farmers in remote Saudi Arabian villages/ by Mohammed Mostafa Shibah, 1978.

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1. Agricultural extension work - Saudi Arabia. 2. Agriculture - Study and teaching - Saudi Arabia. 3. Agricultural education. 4. السعودية - الزراعة. I. Title

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A 27 Alexander, T.H.

1968 Extension guide to increased food production/ prepared by T.H. Alexander - Riyadh : Ministry of Agriculture and water, 1968.

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Od 1 Al-Odaibi, Abdullah Ibrahim

1983 Analysis of educational competency and training needs of agricultural extension workers in the Eastern District of Saudi Arabia/ by Abdullah Ibrahim Al-Odaibi, 1983.

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Madison, 1983. - Bibliography: l. 154-159.  
Also available microfiche, no. 177.  
1. Agricultural extension work - Saudi  
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Arabia. 3. التعليم الزراعي - السعودية. I. Title  
**05077**
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Od 1 Al-Odaibi, Abdullah Ibrahim  
1977 The extension service in Saudi Arabia  
with suggestion for improving its farm  
programs/ by Abdullah Ibrahim Al-  
Odaibi, 1977.  
vii, 75 leaves : maps ; 29 cm.  
Thesis (M.A.) - Washington State  
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1. Agricultural extension work - Saudi  
Arabia. 2. Agriculture - Saudi Arabia.  
3. Farm mechanization - Saudi Arabia.  
4. التعليم الزراعي - السعودية. I. Title  
**05078**
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N 187 Al-Nassar, Saleh Nassar  
1981 Professional job knowledge and skills  
needed by extension personnel in the  
central region of Saudi Arabia/ by Saleh  
Nassar Alnassar, 1981.  
xi, 203 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Ohio State University,  
1981. - Also available microfiche no. 388. -  
Bibliography: l. 202-203.  
1. Agricultural extension work - Saudi  
Arabia. 2. Central region. 2. Agricultural  
extension workers - Training of - Saudi  
Arabia. 3. Agriculture and State - Saudi  
Arabia. 4. المنطقة الوسطى (السعودية). I. Title  
**05079**
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N 187 Al-Nassar, Saleh Nassar  
1975 Suggested guidelines for training  
extension personnel which might be  
adaptable to the functions of the College  
of Agriculture, University of Riyadh,  
Saudi Arabia/ by Saleh Nasser Al-Nassar,  
1975.  
viii, 87 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Oklahoma State  
University, 1975. - Also available microfiche  
no. 338. - Bibliography: l. 76-78.  
1. Agricultural extension workers -  
Training of - Riyadh. 2. Agricultural  
education - Saudi Arabia. 3. الزراعة -  
السعودية. I. Title  
**05080**
- 630.7170953119  
S 45 Al-Shenafi, Mohammed Saleh  
1983 Crop production activities performed  
by farmers and agricultural extension  
workers in Qasim, Saudi Arabia/ by  
Mohammed Saleh Al-Shenafi, 1983.  
vi, 118 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Missouri-  
Columbia, 1983. - Also available microfiche  
no. 484. - Bibliography: l. 72-74.  
1. Crop yields - Study and teaching -  
Saudi Arabia - Al-Qassim. 2. Agriculture -  
Study and teaching - Saudi Arabia - Al-  
Qassim. 3. Agricultural extension work -  
Saudi Arabia - Al-Qassim. I. Title  
**05081**
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K 184 Al-Kaylani, M.H.  
1969 Classification of crops in all provinces  
in Saudi Arabia in statistical types for  
design of regional surveys/ by M.H. al-  
Kaylani.- Riyadh : [s.n., 1969.  
ca. 7 leaves ; 28 cm.  
3 copies bound together.  
1. Agriculture - Saudi Arabia. I. Title  
**05082**
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Z 13 Al-Zaidy, Abdulrahman K.  
1980 Food and agriculture in the arid  
environment of Saudi Arabia under

human pressures and changes/ by Abdulrahman K. Al-Zaidy, 1980.

v, 130 leaves : maps ; 29 cm.

Thesis (M.A.) - Michigan State University, 1980. - Also available microfiche no. 1274. - Bibliography: l. 125-130.

1. Arid regions agriculture - Saudi Arabia.
2. Food Supply - Saudi Arabia.
3. Agriculture - Saudi Arabia.
4. - الزراعة السعودية. I. Title

**05083**

630.9531

C 144 Cambroney, H.R.

1979 Future prospects for hydro-agricultural development, Saudi Arabia : Coffee Mission report/ by H.R. Cambroney and G. Campori. - Rome : Food and Agriculture Organization of the United Nations, 1979.  
vi, 56 p. ; 28 cm.

1. Agriculture - Saudi Arabia.
2. Water in agriculture - Saudi Arabia.
3. Hydrology - Saudi Arabia.
4. - السعودية. I. Title

**05084**

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C 441 Chinese Agricultural Technical Mission

[19-] Agricultural cooperation agreement between the Kingdom of Saudi Arabia and the Republic of China : annual report. - [19]/ prepared by Chinese Agricultural Technical Mission.- Hofuf, Al-Hassa, S.A.: Chinese Agricultural Technical Mission, [19-].  
V. : ill. (some, col.) ; 30 cm.

Annual. - Library has: January-December 1976 - Rajab 1401 H. J. Thani 1402 H. (1981/1982) and Rajab 1404 H. - J. Thani 1405 H. (April 1984 - March 1985).

1. Agriculture - International cooperation - Periodicals.
3. Agricultural assistance, Chinese - Periodicals. I. Hofuf Agricultural Research Center, Corp. II. Qatif Agricultural Experiment Station, Corp. III. Saudi Arabia. Ministry of Agriculture and Water, Corp. IV. Title

**05085**

630.9531

K 527 Al Khatib, Abdel Basset

1980 Seven green spikes : 1973-1979 : water and agricultural development/ prepared by Abdel Basset El Khatib. - 2nd ed.- [Riyadh] : Ministry of Agriculture and Water, 1980.

xxxiii, 362 p. : col. ill., maps, ports. ; 24 cm.

Bibliography: p. 358-362.

1. Agriculture - Saudi Arabia.
2. Water resources development - Saudi Arabia.
3. Irrigation - Saudi Arabia.
4. - الزراعة السعودية. I. Title

**05086**

630.9531

K 527 Al Khatib, Abdel Basset

1974 Seven green spikes : 1965-1972 : water and agricultural development/ prepared by Abdel Basset El Khatib.- [Riyadh] : Ministry of Agriculture and Water, 1974.

xxvii, 226 p. : col. ill. ; 24 cm.

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2. Water resources development - Saudi Arabia.
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**05087**

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F 739 Food and Agriculture Organization of the United Nations

1968 Hydro-agricultural development progress : second interim report to the Government of Saudi Arabia/ Food and Agricultural Organization of the United Nations.- Rome : Food and Agriculture Organization of the United Nations, 1968.

28 cm.

Copy two in various parts.

1. Agriculture - Saudi Arabia. I. Title

**05088**

630.9531

A 25 Ibn Ateeq, Abdulrahman Abdulaziz

1981 The management of farm mechanization as related to Saudi Arabia/ by Abdulrahman Abdulaziz Ibn Ateeq, 1981. ix, 196 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, 1981. - Also available microfiche no. 1285. - Bibliography: 1. 114-116.

1. Agriculture - Saudi Arabia. 2. Farm mechanization - Saudi Arabia. 3. الزراعة السعودية. I. Title

05089

630.9531

S 85 Saudi Arabia. Ministry of Agriculture and water. Planting unit

Basic information about agriculture and water with a statement about major projects under execution/ Prepared by Planning Unit, 1389 H, 1969. 27 leaves ; 33 cm.

1. Agriculture - Saudi Arabia. 2. Irrigation - Saudi Arabia. 3. Water resources development - Saudi Arabia. 4. Agricultural development projects - Saudi Arabia. I. Title

05090

630.9531

S 85 Saudi Arabian T. V.

[199-] Turning the desert [video recording]/ Saudi Arabian T.V.; script and director Yahya Tawfik; produced by ARA International Productions.- Riyadh : ARA International Productions, [199-].

1 video cassette (ca. 45 min.) : sd., col. (Saudi).

1. Agriculture - Saudi Arabia. 2. Water - Saudi Arabia. 3. الزراعة - السعودية. I. Tawfik, Yahya, d. II. ARA International Productions, corp. III. Title IV. Series

05091

630.953105

C 441 Chinese Agricultural Technical Mission

[19-] Quarterly report: agricultural cooperation agreement between the Kingdom of

Saudi Arabia and the Republic of China. - [19]/ prepared by Chinese Agricultural Technical Mission.- Hofuf, Al-Hassa, S.A. : Chinese Agricultural Technical Mission, [19-], ill., ports. ; 30 cm.

Quarterly. - Library has: April-July, 1977.

1. Agriculture - International cooperation - Periodicals. 2. Agriculture and state - Saudi Arabia - Periodicals. 3. Agricultural administration - Saudi Arabia - Periodicals. 4. Agricultural assistance, Chinese - Periodicals. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. Hofuf Agricultural Research Center, Corp. III. Hassa Irrigation and Drainage Authority, Corp. IV. Title

05092

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C 441 Chinese Agricultural Technical Mission

[1979-] Quarterly work progress report. - [1979-] Prepared by The Agricultural Technological Team of the Republic of China to the Kingdom of Saudi Arabia.- Riyadh: Ministry of Agriculture and Water, Riyadh, [1979-]. v. ; 33 cm.

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1. Agriculture - International cooperation - Periodicals. 2. Agriculture and state - Saudi Arabia - Periodicals. 3. Agricultural assistance, Chinese - Periodicals. I. Title

05093

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies area V : final report/ Ministry of Agriculture and Water.- Grenoble, France: Sogreah, 1968.

3 v. in 4 : ill., plates, col. maps ; 33 cm.

Contents: v. 1. Findings and recommendations.- v. 2. (pt. 1-2) Water resources - v. 3. Agricultural and grazing potential - Col. maps in jacket in v. 3.

1. Water in agriculture - Saudi Arabia - Central region. 2. Agricultural surveys - Saudi Arabia - Central region. 3. Grazing - Saudi Arabia - Central region. 4. - الزراعة I. Title II. Title: Water resources III. Title: Agricultural and grazing potential

**05094**

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S 85 Saudi Arabia. Ministry of Agriculture and Water [1966]

Water and agricultural surveys for area V: summary progress report, no. 1, November and December 1965/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Grenoble, France: Sogreah, [1966].

7 leaves : map ; 31 cm.

1. Water in agriculture - Riyadh. 2. Agricultural surveys - Saudi Arabia . 3. Water in agriculture - Saudi Arabia. 4. Agricultural surveys- Riyadh. 5. - الزراعة I. Title

**05095**

630.953114

W 139 WAKUTI GMBH. Consulting Engineers [1967]- for Water - Agricultural and Civil Engineering

Activity report for the demonstration and training farm : Faisal Settlement Project Haradh - Saudi Arabia. - [1967]-/ Wakuti GMBH.- Zug, Switzerland : Wakuti GMBH, [1967]-.

v. : ill. maps ; 29 cm.

Annual. - Library has 1st year issue (1967-1968). - At head of title: Kingdom of Saudi Arabia, Ministry of Agriculture and Water. - Text in English and Arabic. - With Arabic summary and title at endpaper: مشروع الفصيل للترطين حرض.

1. Faisal Settlement Project Haradh - Periodicals. 2. Agricultural development projects - Saudi Arabia - Haradh - Periodicals. 3. Human settlement - Saudi Arabia. Haradh - Periodicals. 4. Rural development projects - Saudi Arabia - Haradh - Periodicals. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. Faisal Settlement Project, Haradh, corp. III. Title IV. Title: مشروع الفصيل للترطين حرض

**05096**

630.95312

S 85 Saudi Arabia. Ministry of Agriculture and Water 1970

Water and agricultural development studies area VI : final report/ Ministry of Agriculture and Water.- Grenoble, France: Sogreah, 1970.

4 V. in 5 : ill., plates, col. maps. ; 33 cm.

Contents: v. 1. Summary of conclusions and recommendations - v. 2. (pt. 1-2) Water resources - v. 3. Agriculture grazing and fishing v. 4. The People agricultural development potential.

1. Water in agriculture - Saudi Arabia - Western region. 2. Agricultural surveys - Saudi Arabia - Western region. 3. Grazing - Saudi Arabia - Western region. 4. Fishing - Saudi Arabia - Western region. 5. الزراعة I. Title II. Title: Water resources III. Title: Agriculture grazing and fishing IV. Title: The people, agricultural development potential

**05097**

630.95312

S 85 Saudi Arabia. Ministry of Agriculture and Water 1969

Water supply surveys for Jeddah - Mecca - Taif area : final report/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[11], 94 p. : ill., col. maps ; 30 cm.

Bibliography: p. 91-94.

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Water-supply - Saudi Arabia - Western region. 4. Water in agriculture - Hijaz. 5. - الزراعة السعودية. I. Title

05098

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S 85 Saudi Arabia. Ministry of Agriculture and Water  
1969

Water supply surveys for Jeddah - Mecca - Taif area : final report; summary/ Ministry of Agriculture and Water.- Rome: Italconsult, 1969.

[7], 84 p. : ill., col. maps. ; 30 cm.

Pages are misplaced.

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Water-supply - Saudi Arabia - Western region. 4. Water in agriculture - Hijaz. 5. - الزراعة السعودية. I. Title

05099

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S 85 Saudi Arabia. Ministry of Agriculture and Water  
1967

Water supply surveys for Jeddah-Mecca-Taif area : first interim report; special report no. 4, groundwater investigations/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome: Italconsult, 1967.

133 l. : maps, tables ; 30 cm.

Includes a map in the pocket (142X93 cm.).

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Ground-water - Saudi Arabia - Western region. I. Title

05100

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S 85 Saudi Arabia. Ministry of Agriculture and Water  
1967

Water supply surveys for Jeddah-Mecca-Taif area : first interim report : specific report no. 9: agronomic investigations/ by Kingdom of Saudi Arabia, Ministry of Agriculture.- Rome : Italconsult, 1967.

93 leaves : ill., maps ; 29 cm.

Includes 3 separate measuring 142 X 93 cm..

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Agriculture - Saudi Arabia. 4. المنطقة الغربية (السعودية). I. Title

05101

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S 85 Saudi Arabia. Ministry of Agriculture and Water  
1968

Water supply surveys for Jeddah-Mecca-Taif area : Specific report no. 9 : agronomic investigation/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome : Italconsult, 1968.

118 leaves : ill., maps. ; 29 cm.

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Agriculture - Saudi Arabia. I. Title

05102

630.95312

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1968

Water supply surveys for Jeddah-Mecca-Taif area; specific report no. 9: agronomic investigations : appendices/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome : Italconsult, 1968.

296 p. in various pagings ; 29 cm.

1. Agricultural surveys - Saudi Arabia - Western region. 2. Water in agriculture - Saudi Arabia - Western region. 3. Agriculture - Saudi Arabia. 4. الزراعة - السعودية. I. Title

05103



630.95312

S 85 Saudi Arabia. Ministry of Agriculture  
and Water

Water supply surveys for Jeddah-  
Mecca-Taif area : specific report no. 7. :  
surface and ground water development/  
Kingdom of Saudi Arabia, Ministry of  
Agriculture and Water.- Rome : Italconsult,  
1969.

28, [58] leaves : maps, tables. ; 29 cm.

1. Agricultural surveys - Saudi Arabia -  
Western region. 2. Groundwater - Saudi Arabia -  
Western region. 3. Water in agriculture -  
Saudi Arabia - Western region. 4. الزراعة  
(السعودية) I. Title

05104

630.953124

F 328 Al-Feir, Abdulmuhssin

1989 Geographical analysis of farming  
systems in semi-arid lands : Taif region  
case study/ by Abdulmuhssin Al-  
Feir, 1989.

2 v. (419 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona.  
- Also available microfiche no. 2590. -  
Bibliography: 1. 402-19.

1. Agriculture - Saudi Arabia - Al-  
Taif. 2. Land use, Rural - Saudi Arabia -  
Al-Taif. 3. Farms, Size of - Saudi Arabia -  
Al-Taif. I. Title

05105

630.95313

S 85 Saudi Arabia. Ministry of Agriculture  
and Water

Water and agricultural development  
studies area IV final report : geohydrology/  
Ministry Of Agriculture and Water.- Rome :  
Italconsult, 1969.

2 V. : ill., col. plate, maps ; 30 cm.

Contents: v. 1. Geological and geo-  
physical survey- v. 2. Groundwater  
development.

1. Water in agriculture - Saudi Arabia -  
Eastern region. 2. Agricultural surveys -

Saudi Arabia - Eastern region. 3. Hydrology -  
Saudi Arabia - Eastern region. 4. الزراعة  
السعودية. I. Title II. Title: Geohydrology  
III. Title: Groundwater development IV.  
Title: Geological and geophysical surveys

05106

630.95313

S 85 Saudi Arabia. Ministry of Agriculture  
and Water

Water and agricultural development  
studies for area IV : final report/ Ministry  
of Agriculture and Water.- Rome :  
Italconsult, 1969.

[6], 112 p. : ill., col. maps. ; 30 cm.

Bibliography: p. R.1-R18.

1. Water in agriculture - Saudi Arabia  
- Eastern region. 2. Agricultural surveys -  
Saudi Arabia - Eastern region. 3. الزراعة  
السعودية. I. Title

05107

630.95313

S 85 Saudi Arabia. Ministry of Agriculture  
and Water

Water and agricultural development  
studies for area IV final report : agriculture  
and pastoralism/ Ministry of Agriculture and  
Water.- Rome : Italconsult, 1969.

[13], 288 p. : ill., col. maps. ; 30 cm.

1. Water in agriculture - Saudi Arabia  
- Eastern region. 2. Agricultural surveys -  
Saudi Arabia - Eastern region. 3. الزراعة  
السعودية. I. Title II. Title: Agriculture and  
pastoralism

05108

630.95313

S 85 Saudi Arabia. Ministry of Agriculture  
and Water

Water and agricultural development  
studies for area IV final report : agriculture  
and pastoralism development/ Ministry of  
Agriculture and Water.- Rome : Italconsult,  
1969.

[7], 101 leaves : ill. ; 30 cm.

1. Water in agriculture - Saudi Arabia - Eastern region. 2. Agricultural surveys - Saudi Arabia - Eastern region. 3. Pastoral systems - Saudi Arabia. 4. الزراعة - السعودية. I. Title II. Title: Agriculture and pastoralism development

05109

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies for area IV final report : climate and surface hydrology/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[9], 83, 132 p. : ill., col. maps. ; 30 cm.

1. Water in agriculture - Saudi Arabia - Eastern region. 2. Agricultural surveys - Saudi Arabia - Eastern region. 3. Hydrology - Saudi Arabia - Eastern region. 4. الزراعة - السعودية. I. Title II. Title: Climate and surface hydrology

05110

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies for area IV final report : grazing resources inventory/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[5], 153 p. : ill., col. maps. ; 30 cm.

Bibliography: p. 151-152. - Includes index.

1. Agricultural surveys - Saudi Arabia - Eastern region. 2. Water in agriculture - Saudi Arabia - Eastern region. 3. Grazing - Saudi Arabia - Eastern region. 4. الزراعة - السعودية. I. Title II. Title: Grazing resources inventory

05111

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies for area IV final report : land

inventory/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[5], 27, 27 p. : ill., col. maps. ; 30 cm.

Bibliography: p. 27.

1. Water in agriculture - Saudi Arabia - Eastern region. 2. Agricultural surveys - Saudi Arabia - Eastern region. 3. Land use surveys - Saudi Arabia - Eastern region. 4. الزراعة - السعودية. I. Title II. Title: Land inventory

05112

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies for area IV final report : water point inventory/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[6], 20 p. : ill., 16 maps. ; 30 cm.

1. Agricultural surveys - Saudi Arabia - Eastern region. 2. Water in agriculture - Saudi Arabia - Eastern region. 3. الزراعة - السعودية. I. Title II. Title: Water point inventory

05113

630.95313

S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development studies for area IV : forward program of work and budget report / Kingdom of Saudi Arabia. Ministry of Agriculture and Water.- Rome : Italconsult, 1967.

v. : ill. ; 30 cm.

with 3 folded annex (30X45 cm.). -

Library has no. 2,3,5,6,8.

1. Water in agriculture - Saudi Arabia - Eastern region. 2. Agricultural surveys - Saudi Arabia - Eastern region. 3. Land use surveys - Saudi Arabia - Eastern region. 4. Agriculture and state - Saudi Arabia - Eastern region. 5. المنطقة الشرقية (السعودية). I. Italconsult, Rome, corp. II. Title

05114

630.95313

**S 85 Saudi Arabia. Ministry of Agriculture  
and Water**

Water and agricultural development studies for area IV : summary progress report/ Kingdom of Saudi Arabia. Ministry of Agriculture and Water. - Rome : Italconsult, 1966-1969.

v. : ill. ; 30 cm.

Library lacks nos. 1,8,11-13, 15, 17-18 20 and 32-41.

1. Water in agriculture - Saudi Arabia - Eastern region. 2. Agricultural surveys - Saudi Arabia - Eastern region. 3. Land use surveys - Saudi Arabia - Eastern region. 4. Agriculture and state - Saudi Arabia - Eastern region. 5. المنطقة الشرقية - الزراعة (السمودية). I. Italconsult, Rome, corp. II. Title

**05115**

630.95313

**S 85 Saudi Arabia. Ministry of Agriculture  
and Water**

Water and agricultural development surveys for areas II and III : final report : water development surveys : discharge tests/ Kingdom of Saudi Arabia. Ministry of Agriculture and water.- Rome : Italconsult, 1969.

[xxi], 83 p., 205 leaves: ill., maps.; 30 cm.

1. Water in agriculture - Saudi Arabia - Western region. 2. Agricultural surveys - Saudi Arabia - Western region. 3. Water in Agriculture - Saudi Arabia - Southern region - Testing. 4. المنطقة الجنوبية - الزراعة (السمودية). I. Title

**05116**

630.953135

**K 526 Khalil, Abdel Rahman**

[1970] Technical annual report crop experiments at Qatif experimental station, 1969-1970/ Abdel Rahman Khalil.- Riyadh: Ministry of Agriculture and Water, [1970].

80 p. ; 29 cm.

At head of title : Kingdom of Saudi Arabia, Ministry of Agriculture and Water, Department of Agriculture Research and Development, Plant Production Division. - Bibliography: p. 76.

1. Al-Qatif (Saudi Arabia) - Agricultural experimental stations. 2. Agriculture and State- Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water. Department of Agricultural Research..., corp. II. Title

**05117**

630.953135

**K 526 Khalil, Abdel Rahman**

[1971] Technical annual report crop experiments at Qatif experimental station, 1970-1971/ Abdel Rahman Khalil.- Riyadh : Plant Production Division. Dept. of Agricultural Research and Development. Ministry of Agriculture, [1971].

v, 112 leaves ; 29 cm.

At head of title : Kingdom of Saudi Arabia, Ministry of Agriculture and Water, Department of Agricultural Research and Development, Plant Production Division. - Includes appendices.

1. Al-Qatif (Saudi Arabia) - Agricultural experimental stations. 2. Agriculture and State - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water. Department of Agricultural Research..., corp. I. Title

**05118**

630.9531491

**S 85 Saudi Arabia. Ministry of Agriculture  
and Water**

Agricultural and water resources, the great Nafud sedimentary base Kingdom of Saudi Arabia/ prepared by Ministry of Agriculture and Water.- Riyadh : Ministry of Agriculture and Water, 1968.

2 V. : ill., col. maps. ; 29 cm.

Contents: v. 2 . The Agricultural resources. - v. 3. The Water resources.

1.Agricultural surveys - Saudi Arabia- Northern region. 2. Water in agriculture - Nafud Desert. 3. Water in agriculture - Saudi Arabia - Northern region. 4. Nafud Desert - Agricultural surveys. 5. الزراعة - السعودية. I. Title

**05119**

630.95315

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1969

Wadi Dawasir pilot project : feasibility study : general report/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

150 leaves : ill., maps. ; 30 cm.

Includes a map in book pocket (142 X 93 cm.).

1. Water in agriculture - Saudi Arabia - Southern region. 2. Saudi Arabia. Wadi Dawasir Pilot Project. 3. Agricultural surveys - Saudi Arabia - Southern region. 4. الزراعة - المنطقة الجنوبية (السعودية). I. Title

**05120**

630.95315

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1967

Wadi Dawasir pilot project : feasibility study : summary/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome : Italconsult, 1967.

34 leaves : ill., figures, maps. ; 30 cm.

1.Agricultural surveys - Saudi Arabia - Southern region. 2. Saudi Arabia. Wadi Dawasir Pilot Project. 3. Water in agriculture - Saudi Arabia - Southern region. 4. الزراعة - المنطقة الجنوبية (السعودية). I. Title

**05121**

630.95315

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1969

Water agricultural development surveys for areas II and III final report : water

development surveys; geological investigations/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[13], 86 p. : ill., col. maps. ; 30 cm.

1.Water in agriculture - Saudi Arabia- Southern region. 2.Geomorphology - Saudi Arabia - Southern region - Maps. 3. Geology- Saudi Arabia - Southern region. 4.Agricultural surveys - Saudi Arabia - Southern region. 5. الزراعة - السعودية. I. Title II. Title: Geological investigations

**05122**

630.95315

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1969

Water and agricultural development surveys for areas II and III : final report/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[11], 107 p. : ill., col. maps. ; 30 cm.

Bibliography: p. R1-R12.

1.Agricultural surveys - Saudi Arabia- Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3. الزراعة - السعودية. I. Title

**05123**

630.95315

S 85 Saudi Arabia. Ministry of Agriculture and Water  
1969

Water and agricultural development surveys for areas II and III final report : agricultural development surveys; agriculture and pastoralism/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969

[16], 305 p. : ill., col. maps. ; 30 cm.

1.Agricultural surveys - Saudi Arabia - Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3.Pastoral systems - Saudi Arabia - Southern region. 4. الزراعة - السعودية. I. Title II. Title: Agriculture and pastoralism

**05124**

630.95315

**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

Water and agricultural development surveys for areas II and III final report : agricultural development surveys : crops and farming techniques/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[10], 114 p. : ill., col. maps ; 30 cm.

1. Agricultural surveys- Saudi Arabia - Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3. Crops and water - Saudi Arabia - Southern region. 4. الزراعة - السعودية. I. Title II. Title: Crops and farming technique

**05125**

630.95315

**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

Water and agricultural development surveys for areas II and III : final report : agricultural development surveys . grazing resources inventory/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

204 leaves : ill., maps. ; 30 cm.

1. Water in agriculture - Saudi Arabia - Southern region. 2. Grazing - Saudi Arabia - Southern region. 3. Agricultural surveys - Saudi Arabia - Southern region. 4. الزراعة - السعودية (المنطقة الجنوبية). I. Title

**05126**

630.95315

**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

Water and agricultural development surveys for areas II and III final report : agricultural development surveys; land inventory/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[7], 38 p. : ill., col. maps ; 30 cm.

Bibliography: p. 38.- 4 maps in jacket.

1. Water in agriculture - Saudi Arabia - Southern region. 2. Agricultural surveys

- Saudi Arabia - Southern region. 3. Land use surveys - Saudi Arabia - Southern region. 4. الزراعة - السعودية. I. Title II. Title: Land inventory

**05127**

630.95315

**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

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[11], 5886 leaves : ill., maps ; 30 cm.

1. Agricultural surveys - Saudi Arabia - Southern region. 2. Livestock - Breeding - Saudi Arabia - Southern region. 3. Livestock - Saudi Arabia - Southern region. 4. Water in agriculture - Saudi Arabia - Southern region. 5. الزراعة - السعودية. I. Title II. Title: Stockraising

**05128**

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**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

Water and agricultural development surveys for areas II and III final report : agriculture development surveys/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[7], 93 leaves : ill., col. map ; 30 cm.

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**S 85 Saudi Arabia. Ministry of Agriculture and Water**

1969

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[9], 44 p. : ill., col. maps ; 29 cm.

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Water and agricultural development surveys for areas II and III final report : Wadi Bishah selected area: soil survey/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[7], 28 p. : ill., col. maps. ; 30 cm.

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**05131**

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[9], 83 p. : ill., maps ; 29 cm.

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**05132**

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**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
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[19], 98 p. : ill., col. maps. ; 30 cm.

1. Agricultural surveys - Saudi Arabia- Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3. Soil surveys - Saudi Arabia - Southern region. 4. الزراعة - السعودية. I. Title II. Title: Soil survey

**05133**

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**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
1969

Water and agricultural development surveys for areas II and III final report : water development surveys/ Ministry of Agriculture and Water.- Rome: Italconsult, 1969.

[13], 201 p. : ill., col. maps ; 30 cm.

1. Agricultural surveys- Saudi Arabia- Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3. الزراعة - السعودية. I. Title II. Title: Water development surveys

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**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
1969

Water and agricultural development surveys for areas II and III final report : water development surveys: geophysical investigations/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[7], 66 p. : ill., col. maps. ; 29 cm.

1. Agricultural surveys - Saudi Arabia - Southern region. 2. Water in agriculture -

Saudi Arabia - Southern region. 3. soil surveys - Saudi Arabia - southern region - Geophysical methods. 4. Geophysics - Saudi Arabia - Southern region. 5. الزراعة - السعودية. I. Title II. Title: Water development surveys III. Title: Geophysical investigations

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S 85 Saudi Arabia. Ministry of Agriculture and Water

Water and agricultural development surveys for areas II and III : summary/ Ministry of Agriculture and Water.- Rome : Italconsult, 1969.

[7], 30 p. : ill. col. maps. ; 29 cm.

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**05136**

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1. Agricultural surveys - Saudi Arabia - Southern region. 2. Water in agriculture - Saudi Arabia - Southern region. 3. Hydrology - Saudi Arabia - Southern region. I. Title

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A 41 Ali, Abdien Mohammed

1976 The relationship of education and other variables to net farm income, non-land farm investment and desire to continue farming of small farmers in Wisconsin

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xii, 176 leaves ; 29 cm.

Thesis (Ph.D.) - University of Wisconsin, 1976. - Also available microfiche no. 199. - Bibliography: l. 114-119.

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**05138**

631.27

D 78 Drabbs, Russel J.

[198-?] Construction and use of range fences/ by Russell J. Drabbs, [198-?].

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2 copies bound together.

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**05139**

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T 421 Al-Thubaity, Khudhran Khadir M.

1978 Impact of Malaki dam on the agricultural system in the Wadi Jizan area, Saudi Arabia/ by Khudhran Khadir M. Al-Thubaity, 1978.

xii, 196 leaves : ill. ; 29 cm.

Thesis (M.A.) - Michigan State University, 1978. - Also available microfiche no. 1290. - Bibliography: l. 192-196.

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**05140**

631.3

S 36 Suhaibani, Saleh A.

1983 Field machinery performance model for dispersed tract farms/ by Saleh A. Suhaibani, 1983.

- ix, 163 leaves : ill. ; 29 cm.  
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1983. - Also available microfiche no. 345. -  
Bibliography: l. 110-114.  
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equipment. 3. Agricultural machinery -  
Cost of operation. 4. الآلات الزراعية. I. Title  
**05141**
- 631.30285  
F 37 Al-Feraïhi, Salih M.  
1992 Labour and machinery planning model  
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programme/ by Salih M. Al-Feraïhi, 1992.  
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operation - Data processing. 2. Labor  
economics - Data processing. 3. الآلات  
الزراعية. I. Title  
**05142**
- 631.372  
H 176 Al-Hamed, Saad A.  
1990 Tractor performance spreadsheet for radial  
tires/ by Saad A. Al-Hamed, 1990.  
2 v. (xi, 319 leaves) : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Nebraska,  
1990. - Also available microfiche no. 2954. -  
Bibliography: l. 110-113  
1. Tractors - Performance. 2. Tractors -  
Tires. 3. الجرارات. I. Title  
**05143**
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S 36 Suhaibani, Saleh A.  
1978 Tractor power determined from energy  
requirement for crop production/ by Saleh  
A. Suhaibani, 1978.  
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Thesis (M.Sc.) - University of Nebraska,  
1978. - Also available microfiche no. 1800. -  
Bibliography: l. 56-57.  
1. Farm mechanization. 2. Tractors.  
3. الجرارات. I. Title  
**05144**
- 631.3720285633  
J 264 Al-Janobi, Abdulrahman A.  
1986 An expert system to manage selection  
of tractor implement systems/ by  
Abdulrahman A. Al-Janobi, 1986.  
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Thesis (M.Sc.) - Oklahoma State  
University, 1990. - Bibliography: l. 56-59. -  
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cultural machinery - Data processing. 3.  
Expert systems (Computer science).  
4. معالجة البيانات. I. Title  
**05145**
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M 265 Al Madini, Abdulrahman Mohammad  
1987 Spatial variability of Arlington sandy  
loam and its effect on infiltration rates/  
Abdulrahman Mohammad Almadani,  
1987.  
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B 231 Barakah, Fahd Nasser Ibrahim  
1986 The effect of certain soil conditions and  
properties on distribution and activity of  
some soil microorganisms/ by Fahad Nasser  
Ibrahim Barakah, 1407 H, 1986.  
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- Bibliography: l. 110-140.  
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3. Microbiology. I. Title  
**05147**
- 631.40953114  
A 39 Ashwan, Majed Sultan  
1984 Agricultural patterns around Al-Kharj,  
Saudi Arabia/ by Majed Sultan Ashwan,  
1984.  
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  2. Soils - Saudi Arabia - Al-Kharj.
  3. Agricultural geography - Saudi Arabia - Al-Kharj. I. Title
- 05148**
- 631.41  
H 95 **Aba-Husayn, Mansur Mohammed**  
1972 Hydrolysis and decomposition of some clays and soils/ by Mansur Mohammed Aba-Husayn, 1972.  
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Thesis (Ph.D.) - University of California, 1972. - Bibliography: Lxiv, 125.  
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  2. Soil moisture.
  3. Soils - Analysis.
  4. Soils - Composition.
  5. Soils, Salts in. 6. كيمياء التربة. I. Title

**05149**

631.41  
S 41 **Al-Salaimani, Samir Gamil**  
1982 Movement of phosphorus through soils as affected by soil pH, texture, and application rates of monocalcium phosphate and organic waste/ by Samir Gamil Al-Solaimani, 1982.  
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  2. Soil chemistry.
  3. كيمياء التربة. I. Title

**05150**

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F 18 **Falatah, Abdulrazag M.**  
1980 Factors affecting sulphur oxidation in a soil/ by Abdulrazag Falatah, 1980.  
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Thesis (M.Sc.) - California State University, 1980. - Also available microfiche no. 1309. - Bibliography: 1. 50-51.  
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  2. Soils - Sulphur content.
  3. كيمياء التربة. I. Title

**05151**

- 631.410953111  
Z 34 **Al-Zeid, Abdullah Abdulrahman**  
1980 Partial characterization and phosphorus status of selected Saudi Arabian irrigated soils in the Riyadh area/ by Abdullah Abdulrahman Al-Zeid, 1980.  
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  2. Irrigation farming - Riyadh.
  3. Phosphorous in agriculture - Riyadh.
  4. Agriculture - Saudi Arabia.
  5. التربة - تحليل - الرياض. I. Title

**05152**

631.410953133  
J 219 **Al-Jaloud, Ali Abdullah**  
1983 Effect of reclamation on Al-Hassa saline soil in Saudi Arabia/ by Ali Abdullah Al-Jaloud, 1983.  
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  2. Reclamation of Land - Saudi Arabia - Al-Hasa.
  3. Soil chemistry.
  4. Soils, Salts in - Saudi Arabia.
  5. التربة - الإحصاء (المعدودة). I. Title

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H 138 **Halfpenny, A.F.**  
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**05154**

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S 85 Al-Sewaillem, Mohamed S.A.

- 1992 Phosphorus solution concentrations and mobility in a calcareous soil/ by Mahamed S.A. Al-Sewaillem, 1992.

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3. Soils - Phosphorus content. 4. كيمياء التربة I. Title

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F 18 Falatah, Abdulrazag M.

- 1988 The effect of elemental sulphur on Zn and Fe in two Western Kansas soils/ Abdulrazag M. Falatah, 1988.

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2. Calcareous soils - Kansas. 3. Soil chemistry. 4. Plants - Effect of sulphur on.
5. Iron deficiency diseases in plants. 6. Zinc deficiency diseases in plants. I. Title

**05156**

631.417

S 11 Al-Shabaan, Ahmed M.

- 1989 The effect of organic solutes on the sorof orthophosphate by calcite and calcareous soils/ by Ahmad M. Al-Shabaan, 1989.

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Thesis (Ph.D.) - Ohio State University, 1989. - Also available microfiche no. 2529. - Bibliography: I 144-52.

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2. Soils - Organic compound content. 3. Soil biochemistry. 4. كيمياء التربة. I. Title

**05157**

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H 138 Halfpenny, A.F.

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**05158**

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A 11 Al-Awajy, Mohsen Hussin

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xi, 112, 4 leaves : ill. ; 29 cm.

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D 149 Al-Dakheel, Yousef Yacoub

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Soil evaporation and soil thermal regime inside micro-lysimeters/ Yousef Yacoub Aldakheel, 1986.

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I. Title
- 05160**
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M 72 Modaihsh, Abdullah Saad  
1983 Soil evaporation suppression by sand  
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3. التربة. I. Title
- 05161**
- 631.432  
B 271 Al-Barrak, Khalid Mohamed  
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S 41 Al-Shehry, Jaber Mohammed  
1985 Effect of guar gum on vegetable  
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B 115 Babeir, Ahmed Saleh  
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- Thesis (Ph.D.) - Iowa State University,  
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- 05164**
- 631.45  
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1967 **A.H.**  
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- 05165**
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A 71 Assaeed, Abdulaziz Mohammad  
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G 69 Al-Gosaibi, Abdullah M.

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F 185 Falih, Abdullah Mas'ad Khalaf

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3. Sugar beet - Soils. I. Title

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Is 5 Ismael, Tariq Abdulwahab

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K 529 Khuwair, Ibrahim H.S.

1988 Use of thematic mapper data and radiometric modeling for identification and quantification of irrigated and reclaimed lands/ by Ibrahim H.S. Khuwair, 1988.

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Control - Saudi Arabia. 5. الزراعة السعودية. I. Title

05172

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M 377 Mashhady, A. S.

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B 271 Al-Barrak, Saad A.

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05174

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M 98 Al-Mutawa, Mahdi M. A.

1994 Experiments on novel ways to increase plant productivity : a thesis/ by Mahdi M. A. Al-Mutawa, 1994.

225 leaves : ill. ; 31 cm.

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1. Plant breeding. 2. Plant bioassay. 3. Plants - Development. I. Title

05175

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B 115 Babelr, Ahmed Saleh

1982 Evaluation of the seed metering system of an airseeder/ by Ahmed Saleh Babier, 1982.

iii, 89 leaves : ill. ; 28 cm.

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1. Plant propagation. 2. Horticulture. 3. البساتين. I. Title

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631.541

J 216 Al-Jaleel, Ali

1994 Budbreak and scion growth in citrus nursery trees as affected by rootstock, soil temperature, photoperiod and forcing method/ by Ali Al-Jaleel, 1994.

viii, 69 leaves : ill. ; 29 cm.

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H 366 Al-Helal, Ibrahim

1994 Implementation of nutrient uptake models in an ebb and flood system for growing new Guinea impatiens/ by Ibrahim Al-Helal, 1994.

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S 77 Al-Shooshan, Ahmad Abdullah

1991 Greenhouse total water use analysis modeling and optimization/ by Ahmad Abdullah Al-Shooshan, 1991.

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05179

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S 77 Al-Shooshan, Ahmad Abdullah

1987 Nozzle type evaporative cooling system in the greenhouse/ Ahmad A. Al-Shooshan, 1987.

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A 69 Al-Amoud, Ahmed Ibrahim

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Thesis (Ph.D.) - Cranfield Institute of Technology, 1986. - Bibliography: l. 146-159.

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N 127 Al-Naeem, Mushari Abdullatif H.

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1. Water-supply, Agricultural. 2. Irrigation water. 3. Irrigation - Management. I. Title

05183

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R 865 Al-Rumikhani, Yousef A.

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xviii, ca. 300 leaves : ill. ; 30 cm.

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1. Sprinkler irrigation. 2. Sprinklers. 3. Irrigation. I. Title

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S 85 Al-Saud, Mohammed

1994 On time/off time duration effects on Saudi irrigation/ by Mohammed Al-Saud, 1994.

xi, 94 leaves ; 28 cm.

Thesis (M.Sc.) - Colorado State University, 1994. - Bibliography: l. 52-53.

1. Irrigation. I. Title

05185

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S 14 Al-Shaikh, Abdulmohsen Abdulrahman

1992 Stochastic optimal design of hydraulic structures in irrigation-water-delivery systems/ by Abdulmohsen Abdulrahman Alshaikh, 1992.

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B 29 Basahi, Jalal M. Al-Badry M.

1993 Measuring droplet impact with piezoelectric film/ by Jalal M. Al-Badry M. Basahi, 1993.

vi, 69 leaves : ill. ; 28 cm.

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A 82 Automatic irrigation scheduling

1994 technique for water conservation under arid climatic conditions/ A.I Al-Moud ..

[et al.] -Riyadh: King Saud University, 1414 H, 1994.

31; 4 p. : ill. ; 24 cm.- (Research bulletin. Agricultural engineering ; no. 42). Four pages of text in Arabic at the end.- Bibliography: p. 28-31..

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2. Irrigation - Saudi Arabia. 3. Irrigation water - Saudi Arabia. I. Al-Amoud, A.I., auth. II. Series III. Title

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D 242 Al-Darby, Ali M

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Six pages of text in Arabic at the end.- Bibliography: p. 19-22.

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2. Soils, Irrigated - Saudi Arabia. 3. Sandy soils - Saudi Arabia. I. El-Shafei, Y.Z., j.a. II. Title III. Series

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H 678 Hofuf Agricultural Research Centre

1973 Properties of soil and water in the Hofuf Agricultural Centre : reports on the work of the Leichtweiss-Institute Research Team, Technical University Braunschweig/ Hofuf Agricultural Research Centre, Saudi Arabia - Hofuf : Hofuf Agricultural Research Centre, 19.

47 p. : ill. ; 30 cm.- ( Hofuf Agricultural Research Centre publications ; 6). Includes bibliographical references.

1. Soil science - Saudi Arabia. 2. Soils - Saudi Arabia - Composition. 3. Water - Composition - Saudi Arabia. 4. التربة - السعودية.

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II. Title III. Series

**05190**

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B 321 Battal, Hamad S.

1986 Water resources allocation in Saudi Arabia : the case study of Al-Kharj district/ by Hamad S. Battal, 1986.

xv, 208 leaves : ill. ; 28 cm.

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T 13 Al-Taher, Abdulla A.

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xxii, 259 leaves : ill. ; 28 cm.

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Arabia - Al-Hasa. 5. الإحياء (المسوددة). I. Technical University Braunschweig. Leichtweiss-Institute Research Team, corp. II. Title III. Series

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Saudi Arabia. 3. Irrigation efficiency -  
Saudi Arabia - Al-Hasa. I. Saudi Arabia.  
Ministry of Agriculture and Water, corp.  
II. Title

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[19-] in Qateef area. -[s.l.]: [s.n.], [19-].

5, 4 leaves ; 30 cm.

Text in English and Arabic.

1. Irrigation - Saudi Arabia - Al-  
Qateef. 2. Drainage - Saudi Arabia Al-  
Qateef.

05199

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H 275 Abo-Hassan, Atallah Ahmed

1976 Sand stabilization by afforestation in  
al Hassa oasis, Saudi Arabia/ by Atalla  
Ahmed Abohassan, 1976.

x, 124 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Michigan State  
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Hasa. 2. Agriculture - Saudi Arabia - Al-  
Hasa. 3. Defense measures. 4. Afforestation -  
Saudi Arabia - Al-Hasa. 4. الرمال - الأحصاء. I. Title  
(المسودة). I. Title

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S 71 Al-Shoaibi, Abdullah Mohammed

1990 Development of a water conservation  
strategy for Al-Qasseem province, Saudi  
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- Water conservation. 3. المياه - السعودية. I.  
Title

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G 341 Al-Ghamdi, Mohammed Hamed

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tion in Al-Hasa oasis, Saudi Arabia/ by  
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Thesis (Ph.D.) - University of Strathclyde,  
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Saudi Arabia - Al-Hasa. 3. Irrigation  
water - Saudi Arabia - Al-Hasa. 4. مصادر  
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H 127 Hajrah, Hassan Hamza

1965 The effect of cation exchange on  
gypsum requirement of soils/ by Hassan  
Hamza Hajrah, 1965.

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Thesis (M.Sc.) - University of Arizona,  
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3. Soil Science. 4. Fertilizers. 5. الأسمدة.  
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05204

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J 219 Al-Jaloud, Ali Abdullah

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H 383 Al-Hendi, Abdullah A.

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R 66 Romaib, Saleh M.

1975 Evaluating the availability of organic nitrogen in soils/ by Saleh M. Romaib, 1975.

viii, 63 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Utah State University, 1975. - Also available microfiche no. 1311. - Bibliography: 1 49-53.

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K 528 Al-Kherb, Suleiman Mohammad

1984 Diversity for virulence in a sexually reproducing population of Puccinia Coronata CDA/ by Suleiman Mohammad Al-Kherb, 1984.

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1. Puccinia coronata. 2. Rust fungi. 3. Puccinia graminis. 4. Rust diseases. 5. الامراض الفطرية. I. Title

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B 147 Bahkali, Ali Hassan

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Thesis (Ph.D.) - University College of Swansea, 1982. - Bibliography: 1 159-186.

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1983 A manual of weeds of Central and Eastern Saudi Arabia/ Shaukat Ali Chaudhry and Moufaq Abbas Zawawi.- Riyadh : Ministry of Agriculture and Water, 1983.

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ISBN9960-05-281-8 ISSN 1319-2426

1. Plant nematodes. 2. Nematode diseases of plants. 3. Plant diseases. 4. Plant parasites. I. Title II. Title: نماتودا النباتات وتوزيعها وعوائلها النباتية في المملكة العربية السعودية

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Y 1 Al-Yahya, Fahad Abdullah

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A 21 Al-Ayedh, Hassan Y.  
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Arabia. 4. المصانع - السعودية. I. Saudi  
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Industry, corp. II. Title  
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1974-75 and Water. Hakma Research  
Station Wadi Jizan ..  
Annual report of experimental work  
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G 341 Al-Ghannam, Abdulrahman  
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 Ot 1 Al-Otayk, Soleman  
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**05238**
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 D 444 Al-Derfasi, Ali Abdullah  
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05242

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M 91 Al-Mulla, Ahmed Abdulla

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M 27 Magboul, Ali Mohammed

1990 Dynamic processes and simulation models of the infection of wheat by mycosphaerella graminicola and the development of septoria tritici blotch/ by Ali Mohammed Magboul, 1990  
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2. Wheat - Simulation models. 3. القمح - امراض. I. Title

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A 32 Al-Abdulaly, Abdulaly Brahim

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S 23 Sharif, Mohammad

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G 341 Ghandorah, Mohammed Omar

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M 588 Al-Mihanna, Abdelrahman A.

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S 13 Shahwan, Ibrahim M.

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A 91 Al-Ahwal, Salah Saleh

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N 141 Nehedh, Saad Ibrahim

1975 Response of oat and spinach to sewage sludge application in soil/ by Saad Ibrahim Nahedh, 1975.

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**05251**

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D 242 Al-Darby, Ali M

1982 Growth and yield response of corn hybrids (zea maize L.) to straw mulch and plant population/ by Ali M. Al-Darby, 1982

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Thesis (M.Sc.) - University of Wisconsin-Madison, 1982. - Also available microfiche no. 1265. - Bibliography: l. 71-76.  
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3. الذرة. I. Title

**05252**

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**D 242 Al-Darby, Ali M**

- 1986 The effect of three conservation tillage systems on corn (Zea mays L.) growth and productivity/ by Ali M. Al-Darby, 1986

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**05253**

633.156

**A 64 Ajllan, Nasser Abdulaziz**

- 1983 Effect of combine cylinder design on mechanical damage of corn/ by Nasser Abdulaziz Ajllan, 1983.

ii, 80 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Iowa State University, 1983. - Also available microfich no. 1579. - Bibliography: l. 69-71.

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**05254**

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**Y 1 Al-Yahya, Sulaiman A.**

- 1989 Aspirator separation of corn-fines mixtures/ Sulaiman Abdulaziz Al-Yahya, 1989.

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**05255**

633.1589

**S 23 Al-Shareef, Ahmad Salman**

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**05256**

633.159

**R 639 Rokaibah, Ahmed Ali**

- 1976 Susceptibility of corn (zea mays) leaves to infection by helminthosporium maydis race T as influenced by inoculum concentration/ by Ahmed Ali Rokaibah, 1976.

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**05257**

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**Y 1 Al-Yahya, Sulaiman A.**

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**05258**

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**H 651 Hobani, Ali Ibrahim**

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**B 165 Bait-Almal, Mohamed Ahmed**  
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**05260**
- 633.17482  
**R 259 Refay, Yahya Ali**  
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**05261**
- 633.174893  
**M 72 Modaihsh, Abdullah Saad**  
1986 Grain sorghum and soybean responses to zinc and potassium fertilization/ by Abdullah Saad Modaihsh, 1986.  
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Thesis (Ph.D.) - University of Arkansas, 1986. - Bibliography: l. 78-85.  
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**05262**
- 633.174896  
**B 147 Bagour, Mohammed Hussein**  
1992 Effect of added nitrogen and incubation periods of animal manures on soil properties and Sorghum growth/ by Mohammed Hussein Bagour, 1992.  
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**05263**
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**E 98 Eyyed, Saud A.**  
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v, 74 leaves ; 31 cm.  
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**05264**
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لبعض عاصيل الملف المختارة التي تزرع في الأحساء  
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05265

633.254

F 184 Falemban, Abadi Sahel

- 1992 Effects of SO<sub>2</sub> and NO<sub>2</sub> gas on the growth and competitive abilities of Lolium perenne (rye-grass) and trifolium repens (white clover)/ by Abadi Sahel Falemban, 1992.

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Thesis (M.Sc.) - University of Wales,

1992. - Bibliography: 1. 61-63.

1. Lolium perenne. 2. White clover.
3. الأعلاف. I. Title

05266

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Om 7 Al-Omran, Abdurubrasol Mosa

- 1985 Soil water potential and soil effects on growth and nutrient uptake of sudangrass seedlings (Sorghum Vulgare Var. Piper)/ by Abdurubrasol Mosa Al-Omran, 1985.

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Bibliography: 1. 147-158.

1. Sudan grass. 2. Soil moisture.
3. Soil temperature. 4. الأعلاف. I. Title

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A 32 Abdulsalam, Mohammad A.S.

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440. - Bibliography: 1. 78-85.

1. Alfalfa - Breeding. 2. Alfalfa -  
Seeds. I. Title

05268

633.31

S 36 Al-Shuhaibani, Nasser Abdul-Rahman

- 1987 Effect of oats (Avena sativa L.) as a companion crop on alfalfa (Medicago sativa L.) establishment under weed free conditions/ by Nasser Abdul-Rahman Al-Suhaibani, 1407 H, 1987.

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2. Medicago sativa. 3. Oats. 4. Alfalfa -  
Saudi Arabia. I. Title II. Title: تأثير زراعة  
محصول مصاحب من الشوفان على تأسيس البرسيم  
الحجازي في حالة غياب الحشائش.

05269

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D 741 Al-Doss, Abdullah

- 1989 Selection of very nondormant Alfalfa for increased Winter and Spring production/ by Abdullah Al-Doss, 1989.

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Breeding. 3. الحشائش (نبات). I. Title

05270

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- 1989 Water use of the Alfalfa crop under desert conditions in Saudi Arabia/ by Mohammed N. Alyemeny - Boston spa,

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- 05271**
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S 21 **Salady, Mohammed Yahya**  
1982 The effect of rain damage on the nutrient utilization and the digestibility of field dried Alfalfa hay/ by Mohammed Yahya Saiady, 1982.  
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Thesis (M.Sc.) - Utah State University, Logan, 1982. - Also available microfiche no. 1305. - Bibliography: l. 67-72.  
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- 05272**
- 633.34  
D 649 **Al-Dlaigan, Saleh Hamad**  
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1. Soybean. I. Title
- 05273**
- 633.3494  
G 341 **Al-Ghamdi, Salem Safer Hamoud**  
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Thesis (M.Sc.) - Southern Illinois University, 1991. - Bibliography: l. 78-81.  
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2. Fungal diseases of plants. I. Title
- 05274**
- 633.3494  
R 268 **Al-Rehayani, Sulaiman M.**  
1992 Management of soil fungistasis and soybean cyst nematode activity with animal manure amendments/ by Sulaiman M. Al-Rehayani, 1992.  
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1. Soybean - Diseases and pests.  
2. Heterodera glycines. 3. Phytopathogenic fungi. 4. Soybean rust disease. I. Title
- 05275**
- 633.36858  
M 588 **Al-Mihanna, Abdelrahman A.**  
1990 Comparison of green leaf area index, dry weight, disease intensity and percent reflectance measurements as inputs for modeling yield losses in peanuts/ Abdelrahman A. Almhanna, 1990.  
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Thesis (M.Sc.) - University of Georgia, 1990. - Bibliography: l. 78-86.  
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- 05276**
- 633.491  
Z 13 **van der Zaag, D.E.**  
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1989 Physiological and biochemical responses of short staple cotton (*Gossypium hirsutum* L.) to salt stress/ by Abdulaziz Maatook Al-Bahrany, 1989.

103 leaves : ill. ; 29 cm.

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1. Cotton - Genetics. 2. Cotton - Irrigation. 3. القطن. I. Title

**05278**

633.518

**M 289 Makki, Yahia Mohamed**

1976 Effect of plant population and apex removal on narrow-row cotton (*Gossypium hirsutum* L.)/ by Yahia Mohamed Makki, 1976.

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Thesis (Ph.D.) - University of Arizona, 1976. - Also available microfiche no. 629. - Bibliography: l. 124-138.

1. Cotton. 2. Cotton growing. 3. Plant populations. 4. زراعة - القطن. I. Title

**05279**

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**A 61 Ajlan, Abdulaziz Mohammed**

1991 Pathogen-herbivore interactions mediated by activated resistance in cucumber and tobacco/ by Abdulaziz Mohammed Ajlan, 1991.

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**05280**

634.11

**S 13 Shaheen, Mohamed Abdul-Rahim**

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**05281**

634.13

**W 269 Al-Wasel, Abdulrahman Saleh Abdel-rahman**

Maximizing and minimizing pear (*pyrus* sp.) chemical segregation in vitro/ by Abdelrahman Saleh Abdelrahman Al-Wasel, 1994.

xxvi, 304 leaves: ill. (Some col.) ; 30cm.

Thesis (Ph.D.) - University of Illinois, 1994. - Also available microfiche no. 3463. - Bibliography: l. 282-303.

1. Pear. I. Title

**05282**

634.25

**K 122 Al-Khatani, Muhammad Saeed**

1972 Factors affecting seasonal changes of cold resistance in redhaven and halford peaches, *Prunus Persica*/ by Muhammad Saeed Al-Khatani, 1972.

iii, 73 leaves : ill., tables ; 28 cm.

Thesis (Ph.D.) - Kansas State University, 1972. - Bibliography: l. 69-73.

1. Peach. 2. Peach - Frost resistance. 3. Plants - Frost resistance. 4. الخوخ. I. Title

**05283**

634.25

**H 366 Hejazi, Abdulkhalek A.**

1981 Peach thinning with 2-Chloroethyl-phosphonic acid (Ethephon)/ Abdulkhalek A. Hejazi, 1981.

vii, 32 leaves ; 28 cm.

Thesis (M.Sc.) - California State University, Fresno, 1981. - Bibliography: l. 28-32.

1. Peach - Thinning. 2. Peach - Effect of ethephon on. 3. Fruit thinning. 4. Fruit-culture. I. Title

**05284**

634.3258

S 61 Al-Shiha, Mohammed Abdullah

- 1984 Effect of foliar application of phosphorus and potassium on the yield and fruit quality of grapevines/ by Mohammed Abdullah Al-Shiha, 1984.

39 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, 1984. - Also available microfiche no. 422. - Bibliography: l. 31-34.

1. Grapes - Yield. 2. Grapes - Inoculation. 3. Grapes - Diseases and pests. 4. العنب. I. Title

05285

634.337965182

Y 1 Al-Yahya, Fahad Abdullah

- 1986 Effects of irrigation with sewage water on citrus nematode, Tylenchulus Semipenetrans/ by Fahad Abdullah Al-Yahya, 1407 H, 1986.

xi, 79, [3] leaves : col. ill. ; 29 cm.

Thesis (M.Sc.) - King Saud University, 1986. - Bibliography: l. 79. - With Arabic summary and title at endpaper: تأثير الري بمياه المجاري المعاملة على نيماتودا الخوخ.

1. Line tree - Disease and pests. 2. Citrus - Diseases and pests. 3. Nematode diseases of plants. 4. Plant nematodes. 5. Tylenchulus semipenetrans. 6. Sewage irrigation. I. Title II. Title: تأثير الري بمياه المجاري المعاملة على نيماتودا الخوخ.

05286

634.5587

A 41 Ali, Al-Baiz Abdullah

- 1982 The effect of different amounts of applied irrigation water on the size, protein, fat, carbohydrate content and fruit set of almond (prunus amygdalus batch)/ by Al-Baiz Abdullah Ali, 1982.

vii, 27 p. : ill. ; 28 cm.

Thesis (M.Sc.) - California State University, Fresno, 1982. - Also available microfiche no. 1317. - Bibliography: l. 24-27.

1. Almond - Irrigation. I. Title

05287

634.62

M 364 Al-Madeni, Mohammed Ali S.

- 1983 Study of various parameters involved in plant tissue culture with special emphasis on date palm (Phoenix dactylifera L.)/ by Mohammad Ali S. Al-Madeni, 1983.

xvii, 205 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - California State University, 1983. - Also available microfiche no. 1518. - Bibliography: l. 30-38.

1. Date palm. 2. زراعة - النخيل. I. Title

05288

634.625

G 341 Al-Ghazal, Abdullah

- 1983 A cost-analysis study of date harvest mechanization/ by Abdullah Al-Ghazal, 1983.

xi, 108 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, 1983. - Bibliography: l. 95-98. - Also available microfiche no. 1578.

1. Date - Harvesting. 2. Date - Harvesting - Machinery. 3. التمور. I. Title

05289

634.629109531

E 13 Elarosi, Hussain

- 1989 Studies on plant diseases affecting date palm trees at the Eastern province at Saudi Arabia/ دراسات على امراض نباتية تصيب النخيل في المنطقة الشرقية بالملكة العربية السعودية Hussain Elarosi. Riyadh : King Abdul Aziz City for Science and Technology, 1989.

132 p. : col. ill. ; 24 cm. - (General Directorate of Research Grants Programs - King Abdul Aziz City for Science Technology ; no. 26).

1. Date Palm - Saudi Arabia. 2. Plants - Diseases. 3. زراعة - السعودية. I. Title II. Title: دراسات على امراض نباتية تصيب النخيل في المنطقة الشرقية بالملكة العربية السعودية III. Series

05290

634.629109531

H 182 Hammad, S.M.

1989 Studies on the biology and ecology of date palm pests in the Eastern Province, Kingdom of Saudi Arabia/دراسات بيولوجية وإيكولوجية على أنواع الحشرات التي تصيب أشجار النخيل بالمنطقة الشرقية بالملكة العربية السعودية S.M. Hammad, A.A. Kadous.- Riyadh : King Abdul Aziz City for Science and Technology, 1989.

142 p. : col. ill. ; 24 cm.- (General Directorate of Research Grants Programs, King Abdul Aziz City Science and Technology ; no. 25).

1. Date Palm - Saudi Arabia. 2. Biological pest control agents - Saudi Arabia. 3. Pesticides - Environmental aspects. 4. النخيل - زراعة - السعودية I. Kadous, A.A. II. Title III. Title: دراسات بيولوجية وإيكولوجية على أنواع الحشرات التي تصيب أشجار النخيل بالمنطقة الشرقية IV. Series

**05291**

634.629531

D 262 Dates of Saudi Arabia/ edited by Wajih N. Sawaya .- 1st ed .- Riyadh : Ministry of Agriculture and Water, 1986. xv, 200 p. : ill. ; 24 cm.

Bibliography: p. 177-193. - Includes index.

1. Date - Saudi Arabia. 2. Fruit - Saudi Arabia. 3. السعودية - التمور - I. Sawaya, Wajih N., ed.

**05292**

634.75

S 13 Shaheen, Mohamed Abdul-Rahim

1978 Studies on forcing of strawberry cultivars/ by Mohamed Abdul-Rahim Shaheen, 1978.

ii, 38 leaves ; 29 cm.

Thesis (M.Sc.) - Kansas State University, Manhattan, 1978.- Also available microfiche no. 1324. - Bibliography: l. 36-38.

1. Strawberries. 2. الفراولة. I. Title

**05293**

634.7568

R 247 Al-Redhaiman, Khalid N.

1991 Modified-atmosphere storage does not substitute for low-temperature storage of strawberry/ by Khalid N. Al-Redhaiman, 1991.

v, 44 leaves ; 29 cm.

Thesis (M.Sc.) - Iowa State University, 1991. - Bibliography: l. 30-35.

1. Strawberries - Storage. I. Title

**05294**

634.757

M 283 Al-Maiman, Salah A.

1993 Comparison of chemical and physical attributes of three strawberry cultivars grown in greenhouses/ by Salah A. Al-Maiman, 1993.

iv, 65 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Kansas State University, 1993. - Also available microfiche no. 3278. - Bibliography: l. 45-48.

1. Strawberries - Varieties. 2. Strawberries. 3. الفراولة. I. Title

**05295**

634.7570979482

B 638 Bolol, Mustafa

1983 Effect of date of planting on varietal performance in strawberries in the Fresno, California, area/ Mustafa Bolol, 1983.

vii, 54 leaves ; 29 cm.

Thesis (M.Sc.) - California State University, Fresno, 1983. - Bibliography: l. 51-54.

1. Strawberries - California. 2. Strawberries - California - Fresno - Varieties. I. Title

**05296**

634.8

E 51 Esmail, Mohammad Abdal Rahim

1985 Response of vitis vinifera L. Cv. "Ruby seedless" vines to prebloom and bloom applications of ethephon and abscisic acid/ by Mohammad Abdal Rahim Esmail.- Fresno : California State University, 1985.



- 31 p. ; 28 cm.  
Thesis (M.Sc.) - California State University, 1985.  
1. Fruit. 2. Grapes. 3. الفواكه. I. Title  
**05297**
- 634.826542  
D 369 Dekek, Abedallah  
1985 Chemical control of spidmites on grapes/ Abedallah Mohammad Dekek, 1985.  
33 leaves ; 28 cm.  
Thesis (M.Sc.) - California State University, 1985. - Bibliography: l. 32-33.  
1. Grapes - Diseases and pests. 2. Acari-forma. 3. Mites - Control. I. Title  
**05298**
- 634.827  
Z 84 Abu-Zuhairah, Radhi A  
1979 Using pheromone traps to monitor omnivorous leaf roller (OLR) in Thompson seedless grapes/ by Radhi A. Abozuhairah, 1979.  
48 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - California State University, Fresno, 1979.- Also available microfiche no. 1266. - Bibliography: l. 46-48.  
1. Grapes - Diseases and pests.  
2. Tortricidae. 3. العنكب - امراض. I. Title  
**05299**
- 634.909531  
S 94 Sowyd, Safd  
1966 Woodlands in Saudi Arabia : [report] presented at International Forestry Congress/ by Said Sowyd, K.S. Borno and B.W. Allred, 1966.  
17 p. ; 28 cm.  
3 copies are bound together.  
1. Woodlots - Saudi Arabia- Congresses.  
2. Forests and forestry - Saudi Arabia - Congresses. I. Borno, K.S.j.a. II. Allred, B.W., j.a. III. Inter-national Forestry Congress (1966: Madrid) IV. Title  
**05300**
- 634.92  
H 75 Al-Homaid, Nasser  
1978 Untersuchungen zur Möglichkeit der Erkennung und Klassifizierung von Brachflächen in Luftbildern/ vorgelegt von Nasser Al-Homaid, 1978.  
ii, 126 p. : ill., maps ; 21 cm.  
Bibliography: p. 116-126.  
1. Aerial photography in forestry.  
2. Forest mapping. 3. Forests and forestry.  
I. Title  
**05301**
- 634.9560953133  
H 275 Abo-Hassan, Atalla Ahmed  
1976 Sands stabilization by afforestation in Al Hassa oasis, Saudi Arabia/ by Atalla Ahmed Abohassan, 1976.  
x, 124 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Michigan State University, 1976. - Bibliography: l. 100-102.  
1. Sand dunes - Saudi Arabia - Al-Ahsa. 2. Afforestation - Saudi Arabia - Al-Ahsa. 3. الارمال - الاحساء (المحروية). I. Title  
**05302**
- 634.9751564  
M 311 Al-Mana, Fahed Abdulaziz  
1983 Investigations into the use of various mini-containers, media, and slow-release fertilizers in production of seedling nursery stock/ by Fahed Abdulaziz Al-Mana, 1983  
ix, 123 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Kansas State University, Manhattan, 1983. - Also available microfiche no. 885. - Includes bibliographies.  
1. Austrian pine - Seedlings, Container.  
2. Forests and forestry. 3. الصنوبر. I. Title  
**05303**
- 635.048309766  
A 32 Al-Abdulkader, Ahmed Mohammed  
1992 Economic feasibility of greenhouse vegetable production in Oklahoma/ by Ahmed Mohammed Al-Abdulkader, 1992.

xi, 139 leaves ; 28 cm.

Thesis (M.Sc.) - Oklahoma State University, 1992. - Bibliography: l. 128-130.

1. Vegetables - Oklahoma. 2. Greenhouse management - Oklahoma. 3. ملاحه البساتين. I. Title

**05304**

635.09531

L 112 Labban, Sami A.

1970 Vegetable production in the Eastern region of Saudi Arabia/ by Sami A. Labban.- Riyadh : Institute of Public Administration, 1970.

131 leaves : ill. ; 28 cm.

1. Vegetable gardening - Saudi Arabia. 2. Agriculture - Saudi Arabia. 3. Vegetables - Research - Saudi Arabia. 4. الخضروات - زراعة - السعودية. I. Title

**05305**

635.0953105

N 213 National Center for Horticultural Research and Development (Najran)

Technical report. - [1983-84]/ National Center for Horticulture Research and Development, Najran, Saudi Arabia.- Riyadh : Ministry of Agriculture and Water.- Riyadh : F.A.O., 1983-84.

v. : ill., maps ; 28 cm.

Annual. - Library has: 1983-84. - With Arabic abstract.

1. Horticulture - Saudi Arabia - Periodicals. 2. National Center for Horticultural Research and Development - Saudi Arabia - Periodicals. I. Saudi Arabia. Ministry of Agriculture and water, corp. II. Food and Agriculture Organization of the United Nations, corp. III. Title

**05306**

635.0953133

G 212 Gasim, Abdul-Aziz Abdullah

1979 Accelerating horticulture production in Al-Hassa region, Saudi Arabia/ by Abdulaziz Abdullah Gasim, 1979.

ix, 69 leaves : map ; 28 cm.

Thesis (M.Sc.) - California State University, Chico, 1979.- Also available microfiche no. 1263.- Bibliography: l. 48-49.

1. Horticulture - Saudi Arabia - Al-Hassa. 2. الإحصاء (المعمودية). I. Title

**05307**

635.21

S 15 Al-Sadon, Abdulla Abdalrahman

[19-] Effect of ethephon and gibberellic acid on the respiration, sprouting, and growth of seed potatoes (solanum tuberosum L.) by Abdulla Abdalrahman Al Sadon, [19-]. viii, 94 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of California, (19-), Also available microfiche no. 1745. - Bibliography: l. 78-86.

1. Potatoes - Sprouting. 2. البطاطا - زراعة. I. Title

**05308**

635.21

S 21 Al-Saikh, Mohamed Salem

1994 Genotypic and environmental factors influencing flesh color, carotene content, total carotenoids, total phenolics and antioxidant activity in Potato (Solanum tuberosum L.)/ by Mohamed Salem Al-Saikh, 1994.

xii, 117 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Texas A and M University, 1994. - Also available microfiche no. 3471. - Bibliography: l. 100-107.

1. Potatoes. 2. Potatoes - Genetics. 3. Potatoes - Breeding - Environmental aspects. I. Title

**05309**

635.212309531

S 85 Saudi Arabia. Ministry of Agriculture [1977] and Water

First report on the Saudi potato development programme, 1976-1977/ Ministry of Agriculture and Water, Saudi Arabia.- Riyadh : Ministry of Agriculture and Water, 1977.

- 24 cm. : ill. ; 30 cm.  
 Saudi Potato development programme with the cooperation of Ministry of Agriculture and Fisheries, the Netherlands.  
 1. Potatoes - Breeding - Saudi Arabia.  
 2. Potatoes- Varieties - Experiments. 3. Tubers- Saudi Arabia. 4. البطاطا - زراعة - السعودية. I. Title  
**05310**
- 635.213  
 S 15 Al-Sadon, Abdulla Abdalrahman  
 1988 Micropropagation techniques as tools for studying plant growth, tuberization and sprouting of potatoes/ by Abdulla A. Alsadon, 1988.  
 xi, 152 leaves ; 28 cm.  
 Thesis (Ph.D.) - Colorado State University, 1988. - Also available microfiche no. 2364. - Bibliography: I. 118-139.  
 1. Potatoes - Propagation. 2. Potatoes - Sprouting. 3. البطاطا. I. Title  
**05311**
- 635.219752  
 D 322 Al-Dawood, Abdulrahman Saad  
 1993 Effects of water deficiency in alfalfa on feeding behavior of potato leafhopper, *empasca fabae* (Homoptera : cicadellidae)/ by Abdulrahman Saad Al-Dawood, 1993.  
 vi, 51 leaves : ill. ; 28 cm.  
 Thesis (M.Sc.) - University of Minnesota, 1993. - Bibliography: I. 20-25.  
 1. Potatoes - Diseases and pests.  
 2. Leafhoppers. 3. البطاطا - امراض. I. Title  
**05312**
- 635.259731  
 D 74 Al-Dosari, Saleh Abdullah  
 1995 Development of an IPM system for Onion Thrips (Thrips tabaci Lindeman) as a pest of bulb onions/ by Saleh Abdullah Aldosari, 1995.  
 xiv, 124 leaves ; 29 cm.  
 Thesis (Ph.D.) - Colorado State University, 1995. - Bibliography: I. 116-124.  
 1. Onions - Diseases and pests. I. Title  
**05313**
- 635.413  
 K 527 Al-Khayri, Jameel Mohammed  
 1991 In vitro regeneration, sex alternative, genetic transformation, and isolation in Spanish (Spanacia oleracea L.)/ by Jameel Mohammed Al-Khayri, 1991.  
 xviii, 198 leaves : ill. ; 29 cm.  
 Thesis (Ph.D.) - University of Arkansas, 1991. - Includes bibliographical references.  
 1. Spinach - Breeding. 2. Spinach - Biotechnology. 3. Plant biotechnology. I. Title  
**05314**
- 635.5  
 M 725 Al-Mohizea, Ibrahim Saad  
 1995 The effect of water r[is]ing and chlorine treatment of salad vegetables on microbial contamination/ Ibrahim Saad Al-Mohizea.- Riyadh : King Saud University, Agricultural Research Center, 1415 H, 1995.  
 17, 5 p. ; 24 cm.- ( KSU. College of Agricultural Research Centre. Research Bulletin ; no. 51).  
 With abstract and title in Arabic : تأثر المسيل بالماء والمعالجة بالكلور على التحمل للبكتيري في خضار السلطة  
 ISBN9960-05-224-9  
 1. Salad vegetables - Microbiology .  
 2. Salad vegetables - Diseases and pests.  
 3. Chlorine. I. Title II. Series III. Title: تأثر المسيل بالماء والمعالجة بالكلور على التحمل للبكتيري في خضار السلطة  
**05315**
- 635.529452  
 S 59 Sultan, Youneskhan Yousufkhan  
 1988 Rhythm of zoospore production of pythium on lettuce cultured hydroponically/ by Youneskhan Sultan, 1988.  
 31 leaves : ill. ; 29 cm.  
 Thesis (M.Sc.) - University of Arizona, 1988. - Also available microfiche no. 2067. - Bibliography: I. 31.  
 1. Lettuce - Diseases and pests.  
 2. Pythium. 3. Fungal diseases of plants.  
 4. الخس - امراض. I. Title  
**05316**

635 62

M 853 Al-Moshileh, Abdulrahman Mohammed

1984 Effects plant population and density on yield and quality characteristics of zucchini-type summer squash/ by Abdulrahman Mohammed Almoshileh, 1984.

vii, 56 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - California State University, Fresno, 1984.- Also available microfiche no. 1599.- Bibliography: 1. 39-40.

1. Zucchini. 2. Squashes. 3. قشر. I. Title

05317

635.642

B 99 Byari, Saleh Hussein

1984 Physiological, genetic, and breeding studies of tolerance to high temperature and high relative humidity in tomatoes (*Lycopersicon esculentum* mill.)/ Saleh Hussien Byari, 1984.

xiii, 126 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Nebraska, 1984. - Bibliography: 1. 81-87.

1. Tomatoes. I. Title

05318

635.642

K 625 Kinsara, Ahmed Mohammad

1986 Somatic hybridization of tomato: *lycopersicon esculentum* with *lycopersicon peruvianum*/ Ahmed Mohammed Kinsara, 1986.

219 leaves : col. plates ; 30 cm.

Thesis (Ph.D.) - University of Nottingham, 1986.- Bibliography: 1. 194-219.

1. Tomatoes - Breeding. I. Title

05319

635.642

M 891 Mughrabi, Mustafa Abdel-Latif

1983 The effects of preharvest plant growth regulator treatments and temperature on tomato fruit ripening : tomato fruit growth curves and ripening phonology/ by Mustafa Abdel-Latif Mughrabi, 1983.

xii, 97 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Utah State University, 1983. - Also available microfiche no. 418. - Bibliography: 1. 92-96.

1. Tomatoes. 2. Tomatoes - Harvesting. 3. Tomatoes - Ripening. 4. الطماطم. I. Title

05320

635.6420688

M 891 Mughrabi, Mustafa Abdel-Latif

1979 Feasibility of lengthening tomato marketing through controlled storage in Saudi Arabia/ by Mustafa A. Mughrabi, 1979.

vi, 53 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Utah State University, Togan, 1979. - Bibliography: 1. 49-52. - Also available microfiche no. 1258.

1. Tomatoes - Marketing. 2. Tomatoes - Saudi Arabia - Marketing. 3. - الطماطم - تسويق. I. Title

05321

635.64236

S 76 Siraj-Ali, Yusef Saleh

1982 Identification of factors affecting tomato transplant quality and their relationship to growth, development and fruiting/ by Yusef Saleh Siraj-Ali, 1982.

vi, 62 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Ohio State University, 1982. - Also available microfiche no. 1278. - Bibliography: 1. 53-55.

1. Tomatoes. 2. Tomato - Breeding. 3. زراعة - الطماطم. I. Title

05322

635.64283

G 212 Gasim, Abdul-Aziz Abdullah

1984 Root growth and physiological activity during the fruiting stage in glasshouse tomatoes/ Abdulaziz A. Gasim, 1984.

vii, 183 leaves : ill., plates ; 31 cm.

Thesis (Ph.D.) - University of Sussex, 1984. - Bibliography: 1. 161-178.

1. Tomatoes. 2. Greenhouse plants. I. Title

05323

635.64285

S 21 Al-Saif, Salman Mohammed

1986 Effect of salinity on the tomato plants grown in hydroponic system/ by Salman Mohammed Al- Saifs, 1986.

ix, 57 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1986. - Bibliography: 1. 52-57.

1. Tomatoes. 2. Plants, Effect of salt on. 3. Hydroponics. I. Title

05324

635.642892

S 12 Slail, Nabeel Younis

1987 Influence of sodium chloride on transpiration and plant growth of two tomato cultivars/ by Nabeel Younis Slail, 1987.

viii, 114 leaves ; 29 cm.

Thesis (M.Sc.) - University of Arizona, 1987. - Bibliography: 1. 108-114.

1. Tomatoes. 2. Plants, Effect of salt on. 3. Soils, salts in. I. Title

05325

635.642894

B 99 Byari, Saleh Hussein

1980 The effect of nitrogen on yield and quality of tomato cultivars at high temperature and high humidity/ by Saleh Hussien Byari, 1980.

vi, 76 leaves ; 29 cm.

Thesis (M.Sc.) - University of Nebraska, Lincoln, 1980. - Also available microfiche no. 1288. - Bibliography: 1. 45-49.

1. Tomatoes - Fertilize : 2. Nitrogen fertilizers. 3. قطاطم. I. Title

05326

635.642916

B 637 Bokhari, Nabil Yahia

1973 Some effects of wind duration and soil flux movement on tomato transplants of different stages of development/ by Nabil Yahia Bokhari, 1973.

79 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Kansas State University, 1973. - Also available microfiche no. 616. - Bibliography: 1. 60-65.

1. Tomatoes - Breeding - Climatic factors. 2. Tomatoes - Genetics. 3. Tomatoes - Varieties. 4. زراعة. I. Title

05327

635.643

Ub 9 Al-Uobi, Hamed Ahmed

1984 The effect of plastic mulches and row covers on the earliness and yield of sweet peppers/ by Hamed Ahmed Al-Uobi, 1984. vi, 68 leaves ; 28 cm.

Thesis (M.Sc.) - Utah State University, 1984. - Also available microfiche no. 1586. - Bibliography: 1. 61-64.

1. Sweet peppers. 2. Plants, Effect of stress on. 3. Mulching. 4. زراعة. I. Title

05328

635.64397

A 61 Ajlan, Abdulaziz Mohamed

1983 Resistance of pepper plants, capsicum annum L., to European corn borer, ostrinia nubilalis (Hubner)(Lepidoptera : Pyralidae)/ by Abdul-Aziz Ajlan, 1983. v, 35 leaves ; 28 cm.

Thesis (M.Sc.) - University of Kentucky, 1983. - Also available microfiche no. 1537. - Bibliography: 1. 32-34.

1. Peppers - Diseases and pest resistance. 2. Peppers - Diseases and pests. I. Title

05329

635.646

S 18 Al-Saggaf, Hussein Abdul Raheim Mohammed

1993 Effect of planting date and nitrogen fertilizer (Urea) on the yield and quality of eggplant cultivars (Solanum melongena)/ by Hussein Abdul Raheim Mohammed Al-Saggaf, 1993.

ix, 78, 41 leaves ; 30 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: 1. 70-78.

1. Eggplant 2. Urea as fertilizer. I. Title

05330

635.648

H 339 Al-Hazmi, Ahmad Saad

1981 Antagonistic relationship of arthrobotrys conoidea to meloidogyne incognita/ by Ahmed Sa'ad Al-Hazmi, 1981.

ix, 97 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - North Carolina State University, 1981. - Also available microfiche no. 110. - Bibliography: 1. 80-84.

1. Okra - Research. 2. Antibiosis.

3. Arthrobotrys conoidea. 4. البياض. I. Title

05331

635.65189

A 47 Alislail, Nabeel Younis

1990 Influence of sodium chloride on tepary (Phaseolus acutifolius gray) and navy (P. Vulgaris L.) beans/ by Nabeel Yonis Alislail, 1990.

117 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1990. - Bibliography: 1. 106-117. - Also available microfiche no. 2660.

1. Beans - Field experiments. 2. Beans - Diseases and pests. 3. Beans - Fertilizers. 4. الفول - زراعة. I. Title

05332

635.652943

A 32 Abdulsalam, Mohammad A.S.

1981 Evaluation of white mold resistance and canopy characteristics of lines of phaseolus vulgaris L./ by Mohammad A.S. Abdulsalam, 1981.

ix, 58 leaves ; 29 cm.

Thesis (M.Sc.) - Colorado University, Fort Collins, 1981. - Also available microfiche no. 1277. - Bibliography: 1. 42-45

1. Kidney bean - Diseases and pest resistance. 2. Sclerotinia Sclerotiorum. 3. Beans - Diseases and pest resistance. 4. الفول - امراض. I. Title

05333

635.656932

R 639 Rokaibah, Ahmed Ali

1982 Studies on bacterial blight of peas/ Ahmed Ali Rokaibah, 1982.

153 leaves : ill., plates ; 30 cm.

Thesis (Ph.D.) - University College of North Wales, 1982. - Bibliography: 1. 127-148.

1. Bacterial blight of peas. 2. Peas - Diseases and pests. I. Title

05334

635.933397

S 18 Al-Shankiti, Abdullah

1989 The effect of different water regimes on hydrangea (hydrangea macrophylla)/ Abdullah Al-Shankiti, 1989.

viii, 37 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - California State University, 1989. - Bibliography: 1. 36-37.

1. Hydrangea macrophylla. I. Title

05335

635.93355

S 45 Samman, Yasir Shahr

1958 Interactions of low temperature and photoperiodism in chrysanthemum morifolium/ by Yasir Shahr Samman, 1958.

iii, 71 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Cornell University, 1958. - Also available microfiche no. 1133. - Bibliography: 1. 66-71.

1. Chrysanthemum morifolium. 2. Chrysanthemums. 3. Green house gardening. 4. Plant photo periodism. 5. Floriculture. 6. الفروع. I. Title

05336

635 93372

Q 49 Qul, Abdul-Wasea A.

1993 Water and photosynthesis relations of greenhouse roses grown under supplemental lighting/ by Abdul-Wasea A. Qul, 1993.

xiii, 113 leaves : col. ill. ; 28 cm.

Thesis (Ph.D.) - Washington State University, 1993. - Bibliography: 1. 104-113.

1. Roses. 2. Artificial light gardening. 3. Green hogardening. 4. Green house effect, Atmospheric. 5. الفروع - زراعة. I. Title

05337

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S 32 Al-Saleh, Nasser O.

- 1976 Some problems and development possibilities of the livestock sector in Saudi Arabia : a case study in livestock development in arid areas/ by Nasser O. Al-Saleh.- Boston spa, Wetherby : British Library Document Supply Centre, 1976.  
xiv, 386 leaves : ill. ; 27 cm.- (British thesis).

Thesis (Ph.D.) - University of Durham, 1976 - Bibliography: p. 368-386.

1. Livestock - Saudi Arabia - Development. 2. Livestock - Development. 3. الماشية - تربية - السعودية. I. Title II. Series

05338

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S 72 Sprague, Howard B.

- 1971 Improvement of livestock production by Bedouin nomads on semidesert rangelands of Saudi Arabia/ by Howard B. Sprague; prepared for Ministry of Agriculture and Water, Kingdom of Saudi Arabia.- Menlo Park, Calif. : Stanford Research Institute, 1971.

xi, 48, [27] p. ; 28 cm.- (Special report ; 2). (SRI project ECH; 8680).

Includes bibliographical references.

1. Range management - Saudi Arabia. 2. Livestock - Breeding - Saudi Arabia. 3. Grazing - Saudi Arabia. 4. Bedouins - Saudi Arabia - Sedentarisation. 5. Land use - Saudi Arabia. 6. المراعي - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. Title III. Series IV. Series: SRI project ECH; 8680

05339

636.0855

M 381 Masood, Saad Ali

- 1980 Search for unknown nutrient information on important U.S. feeds from published literature/ Saad Ali Masoud, 1980.

v, 68 leaves ; 29 cm.

Thesis (M.Sc.) - Utah State University, 1980. - Bibliography: l. 25-46.

1. Feeds. I. Title

05340

636.0890720531

S 63 Summary of research papers and projects

- 1986 1398-1406 -Al-Hassa: Ministry of Higher Education, King Faisal University, 1986.

73, iii, p. ; 30 cm.

Includes index.

1. Veterinary medicine - Research - Saudi Arabia. 2. Animals - Diseases - Research - Saudi Arabia. I. King Faisal University, corp.

05341

636.089264

H 856 Al-Hozab, Adel Abdullah

- 1990 The effects of hormones and inducers of intracellular messengers on Bovine embryo development in vitro : plasminogen activator production and changes in embryonic size/ by Adel Abdulla Al-Hozab, 1990.

111 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Oregon State University, 1990. - Bibliography: l. 95-111.

1. Plasminogen activators. 2. Tissue plasminogen activator. 3. Livestock - Embryos. 4. Veterinary embryology. I. Title

05342

636.0896904

C 414 Cheema, Ashiq H.

- 1988 Studies on the prevalence of diseases communicable from dog to man and meat producing animals/ Ashiq H. Cheema, Zain E. A. Kawasma and Mohammed T. A. Shigidi.- Riyadh : King Abdulaziz City for Science and Technology, 1988.

ix, 43, 3 p. : ill., maps. ; 24 cm.

Text in English and Arabic.

1. Communicable diseases. 2. Veterinary medicine. 3. Zoonoses. 4. Animals as carriers of disease. 5. الطب البشري. I. Kawasma, Zain E. A., ja. II. Shigidi, Mohammed T. A., ja. III. Title IV. Series

05343

636.0896925

**D 132 Al-Dagal, Mosfer Mohammed**

1993 The effects of temperature, pH, and bacterial growth on viruses in ground beef/ by Mosfer M. Al-Dagal, 1993.  
viii, 123 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Kansas State University, 1993. - Also available microfiche no. 3340. - Bibliography: 1. 102-119.

1. Veterinary bacteriology. 2. Beef - Bacteriology. 3. Veterinary virology. 4. الطب البيطري I. Title

**05344**

636.089696

**B 293 Al-Bassam, Mohammed H.**

1979 Immediacy of anthelmintic impact within a parasitism/ by Mohammed H. Al-Bassam, 1979.

xii, 127 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Wisconsin-Madison, 1979. - Also available microfiche no. 1181. - Bibliography: 1. 115-127.

1. Veterinary parasitology. 2. Anthelmintics. 3. Parasitology. 4. الطب البيطري I. Title

**05345**

636.0896995

**L 978 Al-Luwaimi, Ahmed Muhammed**

1986 Development and use of mice in the study of the immune response to Corynebacterium Pseudotuberculosis/ Ahmed Alluwaimi, 1986.

x, 78 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Cornell University, 1986. - Bibliography: 1. 73-78.

1. Corynebacterium pseudotuberculosis. 2. Pseudotuberculosis. 3. Animals - Diseases. 4. Mice - Diseases. 5. Mice as laboratory animals. 6. Veterinary medicine. I. Title

**05346**

636.089815

**B 292 Basiouni, Ghazi F.**

1986 Use of birth fluids and vaginal-cervical stimulation as techniques in lamb fostering/ by Ghazi F. Basiouni, 1986.

viii, 67 leaves ; 29 cm.

Thesis (M.Sc.) - University of Illinois, 1986. - Also available microfiche no. 2456. - Bibliography: 1. 61-67.

1. Sheep - Diseases. 2. Veterinary gynecology. 3. Animals - Diseases. 4. Livestock - Diseases. 5. Vagina - Diseases. 6. الطب البيطري I. Title

**05347**

636.108245

**A 62 Al-Ankari, Abdul-Rahman**

1988 The correlation of some seminal characteristics between two successive ejaculates of stallion semen and II. the effect of season on these characteristics : a retrospective study/ by Abdul-Rahman Al-Ankari, 1988.

iv, 29 leaves ; 28 cm.

Thesis (M.P.V.M.) - University of California, 1988. - Also available microfiche no. 2347. - Bibliography: 1. 24-29.

1. Stallions - Artificial insemination. 2. Animal breeding. 3. Horses - Artificial insemination. 4. Veterinary medicine. I. Title

**05348**

636.108982

**H 275 Al-Hassan, Mohamed Jafar**

1990 Effect of human chorionic gonadotrophin or alafprostal during estrus on progesterone and pregnancy rate in mares/ by Mohamed Jafar Al-Hassan, 1990.

25, 15 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Minnesota, 1990. - Also contains topic = The use of an electronic device for heat detection in dairy cows. - Includes bibliographical references.

1. Mares - Reproduction - Climatic factors. 2. Reproduction - Endocrine aspects. 3. Cows - Climatic factors. I. Title

**05349**

636.11209531

**G 931 Guarmani, Carlo**

1984 The Pure-bred Arabian horse/ Carlo Guarmani; edited with a new introduction



by Angelo Pesce.- Jeddah : IMMELE Publishing, 1984.

111 p. : ill. ; 30 cm.

1 Arabian horse - Saudi Arabia.

2 Arabian horse. 3. السعودية العربية - الخيول العربية. I.

Pesce, Angelo, ed. II. Title

05350

636.11209531

S 85 Saudi Arabia. Ministry of Agriculture.

1991 Dirab Arabian Horses Center

The Arabian horse stud book of Kingdom of Saudi Arabia/ Ministry of Agriculture, Dirab Arabian Horses Center.- Riyadh: Ministry of Agriculture, 1991.

v. : col. ill., map, ports. ; 30 cm.

Library has vol. 1.

1. Arabian horse - Saudi Arabia -

Breeding. I. Title

05351

636.2

H 275 Al-Hassan, Mohamed Jafar

1995 The role of growth factors in bovine folliculogenesis and ovine muscle development/ by Mohamed Jafar Al-Hassan, 1995.

xii, 132 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Washington State University, 1995 - Also available microfiche no. 3646.- Includes bibliographical references.

1. Bovine somatotropin. 2. Cattle - Growth. 3. Somatostatin. 4. Follicle-stimulating hormone. I. Title

05352

636.2086

S 21 Saily, Mohammed Yahya

1988 Chemical changes associated with and performance of ruminants fed high moisture Alfalfa hay treated with chemical or biological preservatives/ by Mohammed Yahya Saiady, 1988.

xii, 105 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Utah State University, Logan, 1988. - Also available microfiche no. 2057. - Bibliography: I. 83-89.

1. Cattle - Feed utilization efficiency.

2. Alfalfa as feed - Biological control. 3. Weeds

- Biological control. 4. Ruminants - Feeding

and feeds. 5. Veterinary medicine. 6. - الأبقار -

تغذية. I. Title

05353

636.2089609791

S 25 Shathele, Mohammed Soliman

1992 Seasonal effect on bacterial mastitis in Central Arizona/ By Mohammed Soliman Shathele, 1992.

xii, 122 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Arizona State University,

1992. - Bibliography: I. 80-86

1. Cattle - Diseases - Arizona. 2. Mastitis

- Arizona. 3. Livestock - Diseases - Arizona.

4. التهاب الثدي - أمراض. I. Title

05354

636.20896209794

B 345 Bayoumi, Faisal A.

1986 Bovine mycoplasma mastitis in California dairy herds/ Faisal A. Bayoumi, 1986.

19 leaves ; 28 cm.

Thesis (MPUM) - University of California, 1986. - Includes bibliography.

1. Cattle - Diseases - California. 2. Mastitis.

3. Mycoplasma diin animals. 4. Veterinary medicine. I. Title

05355

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A 11 Arthur, Geoffrey H.

1988 The maintenance of fertility of cattle imported to Saudi Arabia = المحافظة على الخصوبة الإناث المستوردة للمملكة العربية السعودية / Geoffrey H. Arthur, Ahmed El-Tigani Abdul Rahim. - Riyadh : King Abdul Aziz City for Science and Technology, 1988.

121 p. ; 24 cm. - (Directorate of Scientific Research. King Abdul Aziz City for Science and Technology ; no. 18).

1. Fertility. 2. Reproduction. 3. Cattle - Saudi Arabia - Fertility. 4. Cattle. 5. الماشية.

المسودة - I. Abdul Rahim, Ahmed El-Tigani, J. II. Title III. Title: المجلة على  
 خصوبة الإبقار المستوردة للمملكة العربية السعودية  
 IV. Series

05356

636.213

H 124 Al-Haidry, Ahmed

1995 Effect of metabolites of endophyte-infected tall fescue on the heat stress responses of beef calves/ Ahmed Al-Haidry, 1995.

xii, 138 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Missoula-Colombia, 1995. - Bibliography: i. 111-122.

1. Calves - Diseases. 2. Beef cattle - Cow-calf system. 3. Beef cattle breeds. I. Title

05357

636.295

R 14 Ramadan, Ramadan Omer

1994 Surgery and radiology of the dromedary Camel/ R.O. Ramadan - 1st ed.- Al-Ahsa, Saudi Arabia : The Author, 1994.

ix, 360 p. : col.ill. ; 29 cm.

Bibliography: p. 345-349. - Includes indexes.

ISBN9960-27-024-6

1. Camels - Surgery. 2. Veterinary surgery. 3. Veterinary radiology. 4. Veterinary medicine. 5. Dromedary - Surgery. 6. Camels - Saudi Arabia. 7. الأبل. I. Title

05358

636.3082

A 32 Ageel, Mohammed Ibrahim

1992 Some contributions to the stochastic modelling of the development of ovarian follicles in sheep/ by Mohammed Ibrahim Ageel.- Exeter : University of Exeter, 1992.

viii, 396 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Exeter, 1992. - Bibliography: p. 367-396.

1. Sheep breeds. 2. Ovaries. 3. Follicle-stimulating hormone. 4. الإغنام - تربية. I. Title

05359

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R 14 Ramadan, M.Y.

1972 Digestibilities of green forages by sheep/ M.Y. Ramadan and W.I. Robinson.- Riyadh: Ministry and Agriculture and Water, 1972.

6 p. ; 21 cm.

University College of North Wales, Bangor and Ministry of Agricultural and Water, Saudi Arabia joint agricultural research and development project publication, no. 8.

1. Sheep - Feeding and feeds - Saudi Arabia. 2. Sheep - Feed utilization efficiency - Saudi Arabia. 3. Sheep - Nutrition. 4. Feeds. 5. الإغنام - تغذية. I. Robinson, W.I. II. Saudi Arabia. Ministry of Agriculture and Water, corp. III. University College of North Wales, Bangor, corp. IV. Title

05360

636.30852

S 73 Shokair, Mohamed H.

1973 The effects of Ca:P ratios and levels on ration utilization in sheep/ by Mohamed H. Shokair, 1973.

[ix, 48 leaves ; 28 cm.

Thesis (M.Sc.) - University of Wyoming, 1973.- Also available microfiche under no. 1313. - Bibliography: i. 34-37.

1. Sheep - Feeding and feeds. 2. Sheep - Feed utilization efficiency. 3. Sheep - Nutrition. 4. Feeds. 5. الإغنام. I. Title

05361

636.30896925

H 816 Housawi, Fadhel M.T.

1992 Some studies on ORF virus infection in sheep and goats in Saudi Arabia/ by Fadhel M.T. Housawi, 1992.

v, 156 leaves : ill. (Some col.) ; 29 cm.

Thesis (M.Sc.) - King Faisal University, 1992. - Bibliography: i. 138-156.

1. Sheep - Virus diseases - Saudi Arabia. 2. Goats - Virus diseases - Saudi Arabia. 3. Veterinary clinical pathology - Saudi Arabia. 4. الإغنام - أمراض - السعودية. I. Title

05362

636.5009531

Z 13 Al-Zahrani, Khodran Hamdan

- 1983 Competencies needed by poultry producers in the eastern province of Saudi Arabia/ by Khodran Hamdan Al-Zahrani, 1983.

xi, 221 leaves ; 29 cm.

Thesis (Ph.D.) - Ohio State University, 1983. - Also available microfiche no. 562. - Bibliography: 1. 218-221.

1. Poultry - Saudi Arabia - Eastern region. 2. Agricultural extension work - Saudi Arabia - Eastern region. 3. Poultry - Saudi Arabia. 4. الدواجن - المنطقة الشرقية (السعودية). I. Title

05363

636.508310113

A 42 Al-Arifi, Abrahmeem A.

- 1993 Computer simulation of evaporatively-cooled broiler houses in hot, arid climates/ by Abrahmeem A. Al-Arifi, 1993.

ix, 107 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Arkansas, 1993. - Also available microfiche no. 3414 - Bibliography: 1. 72-76.

1. Broiler (Poultry) - Care and treatment. 2. Poultry - Housing - Environmental aspects. 3. Poultry - Cooling - Simulation methods. 4. الدواجن. I. Title

05364

636.5085

H 215 Harby, Saleh Hassan

- 1980 The use of urea as non-protein nitrogen by laying hens for egg production/ by Saleh Hassan Harby, 1980.

42 leaves ; 29 cm.

Thesis (M.Sc.) - California State University, Fresno, 1980. - Also available microfiche no. 1267. - Includes bibliography at the end.

1. Chickens - Feeding and feeds. 2. Poultry - Feeding and feeds. 3. Urea as feed. 4. الدواجن. I. Title

05365

636.5085

S 41 Schaibani, Mohammed

- 1988 Effect of feeding different fat diets on lipogenesis in two divergent genetic lines (lean and fat) of broilers/ by Mohammed Schaibani, 1988.

vii, 59 leaves ; 29 cm.

Thesis (M.Sc.) - Ohio State University, 1988. - Also available microfiche no. 2106.

1. Broilers (Poultry) - Nutrition. 2. Chickens - Nutrition. 3. Poultry - Feeding and feeds. 4. الدواجن. I. Title

05366

636.50874

Y 88 Al-Yousef, Yousef

- 1985 Dates as feedstuff for poultry and the effect of alkali on date pit fiber/ Yousef Al-Yousef, 1985.

xv, 176 leaves ; 28 cm.

Thesis (Ph.D.) - University of Missouri-Columbia, 1985. - Bibliography: 1. 138-146.

1. Poultry - Feeding and feeds. 2. Date. 3. Feeds. 4. Animal feeding. I. Title

05367

636.50877

A 32 Abdullah, Alsobayel

- 1975 The effect of roxarsone with or without zinc bacitracin on body weight, feed conversion, shank color and livability of broiler type chicks/ by Alsobayel Abdullah, 1975.

v, 39 leaves ; 29 cm.

Thesis (M.Sc.) - Michigan State University, 1975. - Also available microfiche no. 304. - Bibliography: 1. 35-37.

1. Broilers (Poultry) - Feeding and feeds. 2. Feed additives. 3. الدواجن. I. Title

05368

636.50885

H 856 Al-Hozab, Adel Abdullah

- 1985 The effect of tallow on true metabolizable energy of some poultry feedstuffs/ by Adel Abdullah Al-Hozab, 1985.

- viii, 63 p. ; 22 cm.  
Thesis (M.Sc.) - University of Arizona,  
1985. - Also available microfiche no. 1024. -  
Bibliography: 1. 56-63.  
1. Poultry - Feeding and feeds.  
2. Premier jus. 3. Tallow. 4. الدواجن. I. Title  
**05369**
- 636.5089  
A 62 Al-Ankari, Abdul-Rahman Sultan  
1993 Studies on avian mycoplasmas in mixed  
infections strain differentiation of  
mycoplasma iowae/ Abdul-Rahman Sultan  
Al-Ankari, 1993.  
vii, 369 leaves : ill. ; 30 cm.  
Thesis (Ph.D.) - University of Liverpool,  
1993. - Bibliography: 1. 320-358.  
1. Chickens. 2. Poultry - Diseases.  
3. Mycoplasma. 4. Bacteria. 5. الدجاج. I. Title  
**05370**
- 636.50892646  
R 314 Al-Rethaiaa, Abdallah  
1994 Embryonic development of chick  
interafusal fibers : an immunocytochemical,  
histochemical and ultrastructural study/ by  
Abdallah Al-Rethaiaa, 1994.  
iv, 112 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Ohio University,  
1994. - Also available microfiche no.  
3452. - Bibliography: 1. 60-79.  
1. Chickens - Embryos - Physiology.  
2. Chickens - Embryos - Anatomy. I. Title  
**05371**
- 636.50892646  
R 314 Al-Rethaiaa, Abdallah  
1988 Embryonic development of chick muscle  
spindles/ by Abdallah Al-Rethaiaa, 1988.  
v, 55 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Ohio University,  
1988. - Also available microfiche no.  
2471. - Bibliography: 1. 28-35.  
1. Chickens - Embryos - Physiology.  
2. Chickens - Embryos - Anatomy. 3. Poultry.  
4. الدواجن. I. Title  
**05372**
- 636.5142  
B 321 Al-Batshan, Hamad Abdulaziz  
1994 Calcium metabolism in chickens : in  
vitro uptake of calcium by intestinal and  
shell gland epithelia of laying hens and  
the relationship to eggshell quality/ by  
Hamad Abdulaziz Al-Batshan, 1994.  
x, 136 leaves ; 28 cm  
Thesis (Ph.D.) - North Carolina State  
University, 1994. - Also available microfiche  
no. 3436. - Bibliography: 1. 111-136.  
1. Poultry - Feeding and feeds. 2. Eggs -  
Production. 3. Eggs - Hatchability. 4. البيض. I. Title  
**05373**
- 636.5142  
S 12 Al-Sobayel, Abdullah Ali  
1980 Management and nutritional techniques  
to increase egg production/ by Abdullah  
Ali Al-Sobayel, 1980.  
xi, 98 leaves ; 29 cm.  
Thesis (Ph.D.) - Michigan State  
University, 1980. - Also available microfiche  
no. 145. - Bibliography: 1. 87-98.  
1. Poultry - Feeding and feeds.  
2. Poultry industry - Management. 3. الدواجن.  
I. Title  
**05374**
- 636.5142  
Y 88 Al-Yousef, Yousef Mohammed  
1981 The evaluation of production control  
data to develop quality standards in a cage  
layer operation/ by Yousef Mohammed  
Al-Yousef, 1981.  
xii, 94 leaves ; 28 cm.  
Thesis (M.Sc.) - University of  
Missouri, 1981. - Also available microfiche  
no. 1214. - Bibliography: 1. 73-82.  
1. Eggs - Production. 2. Eggs - Quality.  
3. البيض. I. Title  
**05375**
- 636.5920855  
B 321 Al-Batshan, Hamad Abdulaziz  
1990 Influence of selected feed additives  
on functional development of small

- intestine of turkeys/ by Hamad Abdulaziz Al-Batshan, 1990.  
iii, 102 leaves ; 28 cm.  
Thesis (M.Sc.) - Iowa State University, 1990.- Includes bibliographical references.  
1. Turkeys - Feeding and feeds.  
2. Feed additives. I. Title
- 05376**
- 636.9322  
F 965 Al-Furaiji, Mansour M.  
1984 The performance of growing rabbits fed three levels of added salt (NaCl)/ Mansour M. Al-Furaiji, 1984.  
v, 51 leaves ; 28 cm.  
Thesis (M.Sc.) - Tuskegee Institute, 1984. - Bibliography: l. 39-47.  
1. Rabbits - Feeding and feeds.  
2. Animal nutrition. I. Title
- 05377**
- 637.1  
S 14 Al-Shaikh, Muhammad  
1986 Seasonal influences on production and reproduction in a large holstein dairy enterprise/ by Muhammad Al-Shaikh, 1986.  
47 p. ; 28 cm.  
Thesis (M.Sc.) - California State University, 1986.  
1. Dairying. 2. Milk. I. Title
- 05378**
- 637.1277  
A 32 Abdulkhalek, Abouloa A.  
1983 Influence of growth of psychrotrophic bacteria on flavor acceptability of stored milk/ Abouloa A. Abdulkhalek, 1983.  
v, 16 leaves ; 28 cm.  
Thesis (M.Sc.) - California State University, Fresno, 1983. - Also available microfiche no. 1644.- Bibliography: l. 15-16.  
1. Milk - Bacteriology. 2. Psychrotrophic organisms. 3. Dairy processing. 4. الحليب - بكتريا. I. Title
- 05379**
- 637.14  
K 131 Al-Kanhal, Hamad Abdulrahman  
1984 The role of microbial protease and phospholipase in lipolysis of raw milk/ by Hamad Abdulrahman Alkanhal, 1984.  
x, 120 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Georgia, 1984. - Also available microfiche no. 350. - Includes bibliographical references.  
1. Dairy processing. 2. Milk - Sterilization. 3. صناعة الألبان. I. Title
- 05380**
- 637.141  
M 377 Al-Mashhadi, Ahmed  
1983 The effect of heating and storing milk before pasteurization on the control of psychrotrophic bacteria/ by Ahmed Al-Mashhadi, 1983.  
vii, 26 leaves ; 29 cm.  
Thesis (M.Sc.) - California State University, Fresno, 1983.- Also available microfiche no. 1295.- Bibliography: l. 25-26.  
1. Milk - Bacteriology. 2. Milk - Pasteurization. 3. الحليب - بكتريا. I. Title
- 05381**
- 637.141  
E 12 Ewaidah, Esam Hassan  
1984 Effect of ammoniation treatment of aflatoxin B1 on mutagenicity and levels of aflatoxin M1 in milk/ by Esam Hassan Ewaidah, 1984.  
xii, 118 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Arizona, 1984. - Also available microfiche no. 911.- Bibliography: l. 111-18.  
1. Milk proteins. 2. Dairy processing. 3. Nutrition - Evaluation. 4. Aflatoxins. 5. Milk - Composition. 6. اللبن. I. Title
- 05382**
- 637.1422  
S 32 Al-Saleh, Abdulrahman Abdulla  
1988 Effect of casein type on stability and browning of recombined evaporated milk/ by Abdulrahman Abdulla Al-Saleh, 1988.

- xii, 154 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Michigan State University, 1988. - Also available microfiche no. 2422. - Bibliography: l. 141-154.  
1. Milk, Evaporated. 2. الحليب المجفف. I. Title  
**05383**
- 637.1473  
G 341 **Al-Ghanmi, Rajallah**  
1984 Microbial quality of selected milk samples/ Rajallah Alghanmi, 1984.  
vii, 43 leaves ; 29 cm.  
Thesis (M.Sc.) - University of Wisconsin, 1984. - Includes bibliography.  
1. Dried milk - Microbiology. 2. Dried milk - Saudi Arabia. 3. Dried skim milk - Microbiology. 4. Dried skim milk - Saudi Arabia. 5. الحليب المجفف - السعودية. I. Title  
**05384**
- 637.1476  
K 131 **Al-Kanhal, Hamad Abdulrahman.**  
1980 The effect of sucrose, lactose, fructose, and the total solids on yogurt culture/ by Hamad A. Alkanhal, 1980.  
v, 42 leaves ; 29 cm.  
Thesis (M.Sc.) - California State University, Fresno, 1980. - Also available microfiche no.  
1304 Bibliography: l. 39 - 42.  
1. Yogurt. 2. Dairy processing. 3. Milk, Condensed. 4. Milk, Concentrated. 5. اللبن. I. Title  
**05385**
- 637.1476  
S 11 **Al-Saad, Badr O.**  
1980 The manufacture of yogurt and yogurt milk using reconstituted milk/ by Badr O. Al-Saad, 1980  
viii, 50 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of Vermont, 1980. - Also available microfiche no. 1286. - Bibliography: l. 48-50.  
1. Yogurt. 2. Yogurt industry. 3. Skim milk. I. Title  
**05386**
- 637.1476  
G 215 **Gassem, Mustafa Abdu Ali**  
1990 Effect of protein degradation of milk on the physical and chemical properties of yogurt/ Mustafa Abdu Gassem, 1990.  
viii, 60 leaves ; 29 cm.  
Thesis (M.Sc.) - University of Georgia, 1990. - Bibliography: l. 54-60.  
1. Yogurt. 2. Cultured milk. 3. Proteins. I. Title  
**05387**
- 637.3  
Y 83 **Al-Yosha, Tawfik**  
1982 Effect of adding 2 percent nonfat dry milk and 2 percent lactic acid starter on the composition of domiatti cheese/ by Tawfik Al-Yosha, 1982.  
vi, 77 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - California State University, 1982. - Also available microfiche no. 1155. - Bibliography: l. 69-75.  
1. Process cheese. 2. Cheese. 3. الجبنة. I. Title  
**05388**
- 637.358  
T 172 **Abu-Tarboush, Hamza Mohammed**  
1982 Prediction of mozzarella cheese yield from milk composition/ by Hamzah M. Abu-Tarboush, 1982.  
vi, 48 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - Utah State University, 1982. - Also available microfiche no. 1316. - Bibliography: l. 42-45.  
1. Cheese industry. 2. Dairy products industry. 3. Dairy products. 4. صناعة الجبنة. I. Title  
**05389**
- 638.1450953111  
S 75 **Al-Sarrag, M.S.A.**  
1993 Studies of some factors affecting rearing of queen honeybees (*Apis mellifera* L.) under Riyadh conditions/ M. S. A. El-Sarrag. - Riyadh : King Saud University, College of Agriculture, 1993.

24, 7 p. : ill. ; 24 cm.- (Research bulletin: plant protection ; 41).

with summary and Arabic title : دراسات بعض العوامل المؤثرة على تربية ملكيات نخلة العسل بالمنطقة الوسطى للمملكة العربية السعودية

1. Honebee - Riyadh. 2. Bee Culture - Riyadh - Queen rearing. 3. Bee culture - Saudi Arabia - Queen rearing. 4. تربية النحل - تربية - I. King Saud University. College of Agriculture, Agricultural Research Center, corp. II. Title III. Series IV. Title: دراسات بعض العوامل المؤثرة على تربية ملكيات نخلة العسل بالمنطقة الوسطى للمملكة العربية السعودية

**05390**

639.2

**D 149 Al-Dakheel, Talal**

1984 Shelf life of trawl-caught and gillnet-caught cod (*Gadus morhua*) fillets stored at 0 degree centigrade and 7 degree centigrade/ by Talal Al-Dakheel, 1984.

ix, 112 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Maine at Orono, 1984. - Bibliography: p. 78-84. - Also available microfiche no. 55.

1. Fishing. 2. Fishing rods. 3. Fishery conservation. 4. Gillnetting. 5. Trawls and trawling. 6. الاسماك. I. Title

**05391**

639.20916533

**N 412 Neve, Paul**

1972 Red Sea fish : check list no. 1/ by Paul Neve and Hamad Al- Aïdi.- Jeddah : Marine Research Centre, 1972 .

13 p. : ill. ; 30 cm.- ( Bull. Mar. Res. Centre, Saudi Arabia ; 2). Reprinted from Saudi Arabian Natural History Society, Vol 5, (Sept. 1972) .- pp: 8-20.

1. Fishes - Red Sea - Bibliography . 2. Fishes - Saudi Arabia - Bibliography. 3. الاسماك - السعودية. I. Al-Aïdi, Hamad, j.a. II. Title III. Series

**05392**

639.20953

**P 313 p Peacock, Nigel A.**

[197-] Progress report : assessment of the fisheries and fish landing patterns of the

Red Sea Coast, Saudi Arabia/ by N. Peacock and K. Alam.- Riyadh : Ministry of Agriculture and Water, [197-].

[1], 21 leaves : ill, maps ; 33 cm.

Sponsors: Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fishes - Saudi Arabia. 3. Red Sea Coast (Saudi Arabia). 4. الاسماك - السعودية. I. Alam, K., j.a. II. Saudi Arabia. Ministry of Agriculture Water, corp. III. United Kingdom. White Fish Authority, corp. IV. Title V. Series

**05393**

639.209531

**B 521 A Biological survey of the Lagoons**

1974 Dawhat as Sayh, Arabian Gulf, Saudi Arabia ; 21st. August - 5th Sept. 1974/ by D. A. Jones ... [et al.] .-Jeddah: Ministry of Agriculture and Water, 1974.

16 p. : ill. ; 33 cm.

1 Marine sciences - Arabian Gulf. 2. Lagoons - Arabian Gulf. 3. Shrimp fisheries - Arabian Gulf. 4. Shrimp fisheries - Saudi Arabia. 5. البحرين - السعودية. I. Jones, D. A., auth. II. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. III. Title IV. Series

**05394**

639.209531

**M 472 Meeting at King Abdul Aziz University,**

1973 Jeddah, 16th September, 1973 .- Jeddah: Ministry of Agriculture and Water, K.S.A. , 1973.

2 p. ; 33cm.- (Marine Research Centre, Jeddah. Internal report ; no. 1).

1. Marine sciences - Study and teaching - Saudi Arabia. 2. King Abdul-Aziz University. Department of Marine Sciences - Curricula. 3. Fisheries - Saudi Arabia. 4. الاسماك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Title III. Series

**05395**

639.209531

**S 79 Survey of fishing activities between Jeddah [1976]** and Lith/ participants : J. Tumilty [et al.] .-Riyadh: Ministry of Agriculture and Water ,[1976].

[1], 9 leaves; 33 cm.- (Fisheries development project. Field report ; no. 9).

Sponsors: Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fishing - Saudi Arabia. 3. Red Sea Coast - Saudi Arabia. 4. السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Series

**05396**

639.209531

**B 14 Badawi, H. K.**

[19--] A key to the scombroid fishes of the Red Sea and Arabian Gulf/ by H. K. Badawi.- Jeddah : Ministry of Agriculture and Water,[19--].

21 p. : ill. ; 33 cm.- ( Marine Research Centre, Jeddah. Internal report ; no. 17).

Bibliography: p. 16-18.

1. Fisheries - Saudi Arabia. 2. Fishes - Arabian Gulf. 3. Fisheries - Arabian Gulf. 4. Fishes - Red Sea. 5. السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Title III. Series

**05397**

639.209531

**B 14 Badawi, H. K.**

1975 Some notes on the feasibility of establishing a freshwater fishery at Wadi Gizan Dam/ by H. K. Badawi.- Jeddah : Ministry of Agriculture and Water, 1975.

2 p. ; 33 cm.- (Marine Research Centre Jeddah. Internal report ; no. 27).

1. Fisheries - Saudi Arabia - Wadi Jazan Dam. 2. Fisheries Jazan (Saudi

Arabia). 3. السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Title III. Series

**05398**

639.209531

**B 345 Bayoumi, A. R.**

1975 Notes on some specimens of fish collected near Jeddah with a partial bibliography of Red Sea fishes/ by A. R. Bayoumi and S. I. Risk.- Jeddah : Ministry of Agriculture and Water, 1975. 7 p. ; 33 cm.- (Marine Research Centre, Jeddah. Internal report ; no. 8).

Bibliography: p. 4-7. - Arabic summary included.

1. Marine sciences - Jeddah. 2. Marine fishes - Jeddah. 3. Fisheries - Jeddah. 4. السمك - جدة. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Risk, S. I., j.a. III. Title IV. Series

**05399**

639.209531

**D 133 Daghestani, F.**

[197-] Comments on the proposed fish market design by the Idea Centre of Jeddah/ by F. Daghestani and M.A. Myers.- Riyadh : Ministry of Agriculture and Water, [197-]. [1] 4, 2 leaves : plans ; 32 cm.- (Fisheries development project. Field report ; no. 13).

Sponsors: Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fishes - Saudi Arabia - Markets - Design and construction. 2. Fisheries - Saudi Arabia. 3. Shopping centers - Saudi Arabia. 4. السمك - السعودية. I. Myers, M.A., j.a. II. Saudi Arabia. Ministry of Agriculture and Water, Corp. III. United Kingdom. White fish Authority, corp. IV. Title V. Series

**05400**



639.209531

H 245 **Harrison, D.**

[197-] Preliminary assessment of smoked Red Sea fish/ by D.Harrison and S. Memish.- Riyadh : Ministry of Agriculture and Water, [197-].

[1], 5 leaves ; 33 cm.- (Fisheries development project. Field report ; no. 17).

Sponsors: Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White fish Authority.

1. Fishes - Red Sea Coast (Saudi Arabia). 2. Fisheries - Saudi Arabia. 3. Fishing industry and trade - Saudi Arabia. 4. Smoked fish - Saudi Arabia. 5. السمك - الاسماك. I. Memish, S., j.a. II. Saudi Arabia. Ministry of Agriculture and Water, corp. III. United Kingdom. White Fish Authority, corp. IV. Title V. Series

**05401**

639.209531

H 245 f **Harrison, D.**

[197-] Survey of fish for sale in Jeddah supermarkets/ by D. Harrison and M. Berenji.- [Riyadh] : Ministry of Agriculture and Water, [197-].

[1], 8 leaves ; 33 cm.- (Fisheries development project. Field report ; no. 8).

Sponsors: Saudi Arabia Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Economic aspects - Saudi Arabia. 2. Fishing industry and trade - Saudi Arabia. 3. Fisheries - Saudi Arabia. 4. Fishes - Marketing - Saudi Arabia - Markets. 5. السمك - الاسماك. I. Berenji, M., j.a. II. Saudi Arabia. Ministry of Agriculture and Water, Corp. III. United Kingdom. White Fish Authority, corp. IV. Title V. Series

**05402**

639.209531

H 245 s **Harrison, D.**

[197-] Survey of inland markets for fish at Taif, Mecca and Medina/ by D.Harrison and R.

Berenji.- [Riyadh] : Ministry of Agriculture and Water, [197-].

[1], 13 leaves ; 33 cm.- (Fisheries development project. Field report ; no. 6).

1. Fisheries - Economic aspects - Saudi Arabia. 2. Fishing industry and trade - Saudi Arabia. 3. Fisheries - Saudi Arabia. 4. Fishes - Marketing - Saudi Arabia - Markets. 5. السمك - الاسماك. I. Berenji, R., j.a. II. Saudi Arabia. Ministry of Agriculture, corp. III. United Kingdom. Ministry of Agriculture and Water, corp. IV. Title

**05403**

639.209531

H 623 **Hiscock, K.**

1972

Notes on the exploitation and conservation of the Coral Reef community on the Red Sea Coast of Saudi Arabia/ by K. Hiscock and H. Al-Aidy.- Jeddah : Ministry of Agriculture and Water, Marine Research Centre, 1972.

[1], leaves; 33 cm.- (Marine Research Centre, Jeddah. Interl report ; no. 25).

Sponsors: Saudi Arabia, Ministry of Agriculture and Water; and University College of North Wales, United Kingdom. - Spiral binding. - Bibliography: p. 6-7.

1. Marine resources - Red Sea Coast (Saudi Arabia). 2. Fishes - Red Sea Coast (Saudi Arabia). 3. Fisheries - Red Sea Coast (Saudi Arabia). 4. السمك - الاسماك. I. Al Aidy, Hamad., j.a. II. Saudi Arabia. Ministry of Agriculture and Water, corp. III. University College of North Wales, corp. IV. Title V. Series

**05404**

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H 778 **Hopper, A. G.**

[197-] Fishing supply and service centre, Gulf Coast/ by A.G. Hopper.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], 16 leaves; 33 cm.- (Fisheries development project. Investment proposal; no. 5).

Sponsors: Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fishing - Saudi Arabia - Equipment and supplies. 3. Fishing industry and trade - Saudi Arabia. 4. السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05405**

639.209531

H 834 Howard, K. T.

[197-] A preliminary report on the prospects for marine fish farming on the Gulf Coast of Saudi Arabia/ by K. Howard.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], 8 leaves, 1p of plate : map ; 31 cm.- (Fisheries development project. Field report ; no. 11).

Sponsors: Kingdom of Saudi Arabia, Field report, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Marine resources - Saudi Arabia - Red Sea Coast. 2. Fisheries - Saudi Arabia. 3. Gulf Coast (Saudi Arabia). 4. الثروة المائية - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05406**

639.209531

H 834 Howard, K. T.

[197-] A preliminary report on the prospects for marine fish farming on the Red Sea Coast of Saudi Arabia/ by K. Howard.- [Riyadh] : Ministry of Agriculture and Water, [197-].

[3], 27 leaves, [7] p. : maps ; 33 cm.- (Fisheries development project. Field report ; no. 10).

1. Marine resources - Saudi Arabia . 2. Fisheries - Saudi Arabia. 3. Red Sea Coast (Saudi Arabia). 4. السمك - السعودية. I.

Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05407**

639.209531

H 878 Hull, L. E.

[197-] The Fisheries Statistics Collection Service of the Eastern Province with analysis of the data for the first seven months 1977, for the ports of Dammam, Jubail and Qatif/ by L. Hull.- Riyadh : Ministry of Agriculture and Water, [197-].

[1] 19 leaves, 1 plate : ill. ; 33 cm.- (Fisheries development project. Field report ; no. 18).

Sponsors: Ministry of Agriculture and Water; United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fisheries - Saudi Arabia - Eastern region - Statistics. 3. Fishes - Saudi Arabia - Statistics. 4. Fishing ports - Saudi Arabia. 5. - السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05408**

639.209531

H 877 Hull, L. E.

[1979] Arabian Gulf Demersal Trawl resource report/ by L.E. Hull.- [Riyadh] : Ministry of Agriculture and Water, [1979].

14, [8] Leaves : ill. map. ; 33 cm.

Sponsored by: Ministry of Agriculture and Water, and White Fish Authority, United Kingdom.

1. Fisheries - Saudi Arabia. 2. Fishing - Equipment and supplies. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05409**

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H 877 Hull, L. E.

[197-] A Summary of the present state of knowledge concerning the Saudi Arabian Gulf shrimp fishery with particular reference to the artisanal sector/ L.E. Hull - Riyadh : Ministry of Agriculture and Water, [197-]

[3], 12 leaves, 1 p. of plate ; 33 cm.- (Fisheries development project. Field report ; no. 24).

Sponsors: Kingdom of Saudi Arabia. Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Shrimps - Saudi Arabia. 2. Fisheries - Saudi Arabia. 3. Fishes - Saudi Arabia. 4. الاسماك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05410**

639.209531

H 877 Hull, L. E.

1979 Final Gulf demersal trawl resource report/ L.E. Hull.- [Riyadh] : Ministry of Agriculture and Water, 1979.

38, [7] p. : ill., map ; 33 cm.- (Fisheries development project ; Field report no; 45).

Sponsored by: Ministry of Agriculture and Water and White Fish Authority, United Kingdom.

1. Fisheries-Saudi Arabia. 2. Fisheries - Arabian Gulf. 3. Fisheries - Economic aspects - Saudi Arabia. 4. Fishes - Marketing Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. United Kingdom. White Fish Authority, corp. III. Title IV. Series

**05411**

639.209531

H 877 Hull, L. E.

1979 Progress report on recent developments in the Artisanal sector in the Gulf/ L.E. Hull, E.D.W. Phillips and M. Swiedan.-

Riyadh : Ministry of Agriculture and Water, 1979.

[9] Leaves : ill. ; 33.- (Fisheries development project.- Field report no. 42).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom.

1. Fisheries - Economic aspects - Saudi Arabia. 2. Fisheries - Saudi Arabia. 3. Fisheries - Arabian Gulf. 4. Fishes - Marketing Saudi Arabia. I. Phillips, E.D.W., j.a. II. Swiedan, M., j.a. III. Saudi Arabia. Ministry of Agriculture and Water, corp. IV. United Kingdom. White Fish Authority, corp. V. Title VI. Series

**05412**

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K 128 Kamel, H.

1974 A Report on a visit to Wadi Gizan reservoir, May 1974/ by H. Kamel, F. Daghestani, N. J. Morley.- Jeddah : Ministry of Agriculture and Water, K.S.A., 1974.

6 p. ; 33 cm.- ( Marine Research Centre Jeddah. Internal report ; no. 13).

1. Fisheries - Saudi Arabia - Jazan. 2. Fisheries - Saudi Arabia - Wadi Jazan Dam. 3. Fisheries - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Daghestani, F., j.a. III. Morley, N. J., j.a. IV. Title V. Series

**05413**

639.209531

M 712 Mobark, Amer Abdulrahman

1985 Investigation of the Saudi Arabian fisheries industry/ Amer Abdulrahman Mobark, 1985.

xii, 157 p.: ill., (some col.), maps; 28 cm.

Thesis (M.A.) - California State University, 1985.

1. Fisheries - Saudi Arabia. 2. - الاسماك. I. Title

**05414**

639.209531

M 725 Mohamad, Salah Eldin Ragab

- 1973 Fish handling on the market/ by Salah Eldin Ragab Mohamad.- [Riyadh] : Ministry of Agriculture and Water, 1973. 8 p. ; 33.- ( Marine research centre, Jeddah. Internal report ; 7).

Sponsored by: Ministry of Agriculture and Water; and University College of North Wales, United Kingdom.

1.Fisheries - Saudi Arabia. 2. Fish handling - Jeddah. 3. Fisheries - Economic aspects - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. University College of North Wales, Corp. III. Title IV. Series

05415

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M 827 Morley, N. J.

- 1973 A Preliminary investigation into the physical characteristics of the reef in the vicinity of the proposed new Jeddah power station/ by N. J. Morley.- Jeddah : Ministry of Agriculture and Water, 1973.

10 p.: ill. ; 33 cm.- ( Marine Research Centre, Jeddah. Internal report ; no. 4).

1.Reefs - Jeddah. 2. Fisheries - Jeddah. 3. الأسماك - جدة. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Title III. Series

05416

639.209531

M 827 Morley, N. J.

- [1974] Quality assessment of Red Sea fish stored in ice : pt. I. Emperor fish and Barracuda/ by N.J. Morley, S.E. Rabag and A.R. Nawwab.- [Riyadh] : Ministry of Agriculture and Water, [1974].

3 [6] Leaves: ill. ; 33.- (Marine research center, Jeddah. Internal report ; no. 19).

Sponsored by: Ministry of Agriculture and Water and University College of North Wales, United Kingdom. - With Arabic summary.

1. Fisheries - Saudi Arabia. 2. Fishes - Red Sea - Collection and preservation. 3. Fishes - Quality. I. Ragab, S.E. j.a. II. Nawwab, A.R. j.a. III. Saudi Arabia. Ministry of Agriculture and Water, Corp. IV. United Kingdom. University College of North Wales, Corp. V. Title VI. Series

05417

639.209531

M 827 s Morley, N. J.

- 1973 Sea water temperature, salinity and chlorinity in the vicinity of the proposed new Jeddah power station/ by N. J. Morley.- Jeddah : Ministry of Agriculture and Water, K.S.A., 1973.

7 p. : ill. ; 33 cm.- ( Marine Research Centre. Internal report ; no. 6).

1.Ocean temperature - Jeddah. 2.Salinity - Jeddah. 3. Water - Purification - Chlorination - Jeddah. 4. Fisheries - Jeddah. 5. الأسماك - جدة. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Title III. Series

05418

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M 576 p Myers, M. A.

- [197-] Preliminary report : fishing ports and harbours study/ M. Myers and A.R. Nawwab.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], leaves, 6 p. of plates : ill., map; 33 cm.- ( Fisheries development project. Field report ; no. 14).

Sponsors: Kingdom of Saudi Arabia. Ministry of Agriculture and Water, and United Kingdom, White Fish Authority.

1.Fisheries - Saudi Arabia. 2. Fishing - Saudi Arabia. 3. Fishing ports - Saudi Arabia. 4. الأسماك - السعودية. I. Nawwab, A. R., j.a. II. Saudi Arabian. Ministry of Agriculture and Water, corp. III. United Kingdom. White Fish Authority, corp. IV. Title V. Series

05419

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M 992 Myers, M. A.

[197-] Production and supply of ice to the fishing industry/ by M.A. Myers and A.R. Nawwab.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], 24 leaves, 2 p. of plate :

ill. ; 33 cm.- (Fisheries development project. Investment Proposal ; no. 4).

Sponsors: Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fishes - Saudi Arabia - Cooling .
2. Ice - Saudi Arabia - Manufactures .
3. Fisheries - Saudi Arabia. 4. Cold storage - Saudi Arabia. 5. السمك - السعودية. I. Nawwab, R., j.a. II. Saudi Arabian. Ministry of Agriculture, corp. III. United Kingdom. White fish Authority, corp. IV. Title V. Series

**05420**

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M 992 Myers, M. A.

1979 Specification for ice plants of 15 and 30 tonne/day for the fishing industry of Saudi Arabia / by M.A. Myers.- [Riyadh]: Ministry of Agriculture and Water, 1979.

20 Leaves ; 33 cm.- (Fisheries development project. Field report ; 44 ).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom.

- 1 Fisheries - Saudi Arabia. 2. Ice Plant - Saudi Arabia. 3. Fishing industry and trade - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05421**

639.209531

N 412 Neve, Paul

1975 Fishing trial with bottom-set nets at three inshore sites along the Red Sea Coast of Saudi Arabia/ by Paul Neve.-

Jeddah: Ministry of Agriculture and Water, K.S.A., 1975.

42 p. : ill. ; 33 cm.- (Marine Research Centre, Jeddah. Internal report ; no. 24).

1. Fishing - Saudi Arabia. 2. Fishing - Saudi Arabia - Red Sea Coast. 3. - السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Title III. Series

**05422**

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N 412 Neve, Paul

1972 Report of a survey from Jeddah to Um Lajj (September-October,, 1972)/ by P. Neve.- Jeddah : Ministry of Agriculture and Water, 1972.

17 p. : ill. ; 33 cm.

1. Fisheries - Jeddah. 2. Coasts - Saudi Arabia - Surveys. 3. Fishing - Saudi Arabia. 4. السمك - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Title III. Series

**05423**

639.209531

N 412 Neve, Paul

1973 Some notes on fishing activities and facilities at Gizan/ by P. Neve and B.I. Al-Shoura.- Jeddah : Ministry of Agriculture and Water, 1973.

5 p. ; 33 cm.- (Marine Research Centre, Jeddah. Internal report ; no. 3).

1. Marine sciences - Saudi Arabia - Jazan . 2. Marine fishes - Saudi Arabia - Jazan . 3. Jazan (Saudi Arabia) - Fisheries. 4. السمك - جازان (السعودية). I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Al-Shoura, B. I., j.a. III. Title IV. Series

**05424**

639.209531

N 412 Neve, Paul

1973 The feasibility of operating a small prawn trawl from a local fishing boat

("Katira") at Gizan/ P. Neve and B.I. Al-Shoura.- Jeddah : Ministry of Agriculture and Water, K.S.A., 1973.

6 p.- (Marine Research Centre, Jeddah. Internal report ; no. 2).

1. Shrimp fisheries - Saudi Arabia - Jazan. 2. Fishing - Saudi Arabia - Jazan. 3. *الصيد - حازان (المصمودة)*. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Al-Shoura, B. I., j.a. III. Title IV. Series

**05425**

639.209531

N 412 Neve, Paul

1973 The Red Sea fisheries of Saudi Arabia/ by Paul Neve and Hamad Al-Aidy.- Jeddah : Marine Research Centre, 1973.

32 p. : ill., plates ; 29 cm.- (Bulletin of the Marine research Centre, Saudi Arabia ; 3).

Bibliography p. 22.

1. Fishes - Red Sea. 2. Fishes - Saudi Arabia. 3. Fisheries - Saudi Arabia. I. Al-Aidy, Hamad, j. a. II. Title III. Series

**05426**

639.209531

Os 1 Osborne, T.S.

1979 Preliminary observations of some aspects of breeding the African Cichlid *Sarotherodon spilurus*/ by T.S. Osborne.- [Riyadh] : Ministry of Agriculture and Water, 1979.

26, [6] leaves : ill. ; 33.- (Fisheries development project Field report ; no. 47).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom. - Bibliography: I. 24-25.

1. Fisheries - Saudi Arabia. 2. Fishes - Breeding. 3. *Sarotherodon*. 4. Cichlids. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05427**

639.209531

Os 1 Osborne, T.S.

1979 Some aspects of the salinity tolerances and subsequent growth of three Tilapia species, *Sarotherodon aureus*, *S. spilurus* and *T. zilli*/ by T.S. Osborne.- [Riyadh] : Ministry of Agriculture and Water, 1979.

7, [5] Leaves : ill. ; 33.- (Fisheries development project. Field report; 48). Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom. - Bibliography: I. [11].

1. Fisheries - Saudi Arabia. 2. Tilapia - Genetics. 3. Fishes - Genetics. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05428**

639.209531

P 313 Peacock, Nigel. A.

[197-] A 10-12 multipurpose fishing boat for the Red Sea Coast : an economic appraisal/ N.A. Peacock and P.D. Chaplin.- Riyadh : Ministry of Agriculture and Water, [197-].

[5], 29 leaves : ill, map ; 32 cm.

Sponsors: Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fishing industry and trade - Saudi Arabia. 3. Fishing boats - Saudi Arabia. 4. *الصيد - السعودية*. I. Chaplin, P.D., j.a. II. Saudi Arabia. Ministry of Agriculture and Water, corp. III. United Kingdom. White Fish Authority, corp. IV. Title V. Series

**05429**

639.209531

P 313 Peacock, Nigel. A.

1979 Feasibility study : the suitability of Tilapia species for marine aquaculture in Saudi Arabia/ by N.A. Peacock.- [Riyadh]: Ministry of Agriculture and Water, 1979.

12,[5] leaves : ill. ; 33 cm.- (Fisheries development project. Field report ; 46).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom.

1. Fisheries - Saudi Arabia. 2. Marine resources - Saudi Arabia. 3. Tilapia - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05430**

639.209531

P 313 Peacock, Nigel. A.

1979 Final report : the fishery resource survey of the Saudi Arabian Red Sea : February 1977 - October 1979/ by N.A. Peacock.- [Riyadh] : Ministry of Agriculture and Water, 1979.

28, [17] Leaves : ill. maps ; 33 cm.- (Fisheries development project. Field report ; 40).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom.

1. Fisheries - Saudi Arabia. 2. Fishery resources - Red Sea. 3. Marine resources - Red Sea. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05431**

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P 313 Peacock, Nigel. A.

[197-] Progress report [of] the distribution of the fishing communities along the Red Sea Coast of Saudi Arabia, their fleets and landings/ by N.A. Peacock.- Riyadh : Ministry of Agriculture and Water, [197-].

[1], 14 p. : maps ; 33 cm.- (Fisheries development project. Field report ; no. 21).

Sponsors: Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fishes - Saudi Arabia - Fishes - Saudi Arabia - Red Sea Coast. 2. Fisheries

- Saudi Arabia. 3. Fishing industry and trade - Saudi Arabia. 4. Fishing ports - Saudi Arabia. I. الإسماعيل - السعودية. I. Saudi Arabia. Ministry of Agriculture and Water, corp. II. Title III. Series

**05432**

639.209531

P 313 Peacock, Nigel. A.

1979 Progress report: the fishery resource survey of the Saudi Arabian Red Sea, June 1977-August 1978/ by N.A. Peacock.- [Riyadh] : Ministry of Agriculture and Water, 1979.

26, [18] Leaves : ill., maps ; 33 cm.- (Fisheries development project. Field report ; 30).

Sponsored by : Ministry of Agriculture and Water; White Fish Authority, United Kingdom. - With Arabic abstract.

1. Fisheries - Saudi Arabia. 2. Fishery resources - Red Sea. 3. Marine resources - Red Sea. 4. Fishery resources - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05433**

639.209531

P 313 Peacock, Nigel. A.

1979 Some fishing venture options to exploit the Saudi Red Sea resources/ by N.A. Peacock.- [Riyadh] : Ministry of Agriculture and Water, 1979.

17 Leaves: ill. maps ; 33 cm.- (Fisheries development project. Field report ; 41).

Sponsored by: Ministry of Agriculture and Water; and White Fish Authority, United Kingdom.

1. Fisheries - Saudi Arabia. 2. Fishery resources - Red Sea. 3. Marine resources - Red Sea. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

**05434**

639.209531

P 931 p Price, A. R. G.

1974 Investigation of prawn resources in the Arabian Gulf/ by A. R. G. Price, Samir Ibrahim.- Jeddah : Ministry of Agriculture and Water, 1974.

25 p. : ill. ; 33 cm.- (Marine Research Centre, Jeddah. Voyage reports ; no. 7,8,9).

1. Shrimp fisheries - Arabian Gulf.
2. Shrimp fisheries - Saudi Arabia.
3. السمكيات - الخليج العربي. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Ibrahim, Samir, j.a. III. Title IV. Series

05435

639.209531

P 931 p Price, A. R. G.

1975 Investigation on the Prawn resources in the Arabian Gulf/ by A. R. G. Price and Samir Ibrahim.- Jeddah : Ministry of Agriculture and Water, 1975.

22 p. : ill. ; 33 cm.- (Marine Research Centre, Jeddah. Voyage reports ; 1, 2, 3).

1. Shrimp fisheries - Saudi Arabia.
2. Fisheries - Saudi Arabia. 3. - الخليج العربي. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Ibrahim, Samir, j.a. III. Title IV. Series

05436

639.209531

P 931 p Price, A. R. G.

1974 Investigations of prawn resources/ by A. R. G. Price, Samir Ibrahim, W. Cook.- Jeddah : Ministry of Agriculture and Water, 1974.

25 p. : ill. ; 33 cm.- (Marine Research Centre, Jeddah. Voyage reports ; 4, 5, 6).

1. Shrimp fisheries - Arabian Gulf.
2. Shrimp fisheries - Saudi Arabia. 3. - الخليج العربي. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah, corp. II. Ibrahim, Samir, j.a. III. Cook, W., j.a. IV. Title V. Series

05437

639.209531

P 931 p Price, A. R. G.

1975 Investigations of prawn resources in the Arabian Gulf/ by A.R.G. Price and W. Cook.- Jeddah : Ministry of Agriculture and Water, 1975.

26 p. : ill. ; 33 cm.- (Marine Research Centre, Jeddah. Voyage reports ; no. 10, 11, 12).

1. Shrimp fisheries - Saudi Arabia.
2. Shrimp fisheries - Arabian Gulf. 3. Fishes - Arabian Gulf. 4. السمكيات - الخليج العربي. I. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah, corp. II. Cook, W., j.a. III. Title IV. Series

05438

639.209531

S 16 Saether, J.

[1979] Engineering assessment of some potential fish farm sites on Red Sea coast between Jeddah and Rabigh / by J. Saether.- [Riyadh] : Ministry of Agriculture and Water, [1979].

7, [2] Leaves ; 33 cm.- (Fisheries development project. Field report ; 35).

Sponsored by : Ministry of Agriculture and Water and White Fish Authority, United Kingdom.

1. Fishes - Saudi Arabia - Red Sea Coast.
2. Marine resources - Saudi Arabia - Red Sea Coast.
3. Fisheries - Jeddah.
4. Fisheries - Saudi Arabia. I. Saudi Arabia. Ministry of Agriculture and Water, Corp. II. United Kingdom. White Fish Authority, Corp. III. Title IV. Series

05439

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and [197-] Water

A 10-12M multi-purpose fishing boat for the Gulf Coast : an economic appraisal/ Kingdom of Saudi Arabia, Ministry of Agriculture; White Fish Authority, United Kingdom.- [Riyadh] : Ministry of Agriculture and Water, [197-].



[5], 21 leaves; 33 cm.- (Fisheries development project. Investment proposals ; no. 1).

1. Fisheries - Saudi Arabia. 2. Fishing industry and trade - Saudi Arabia. 3. Fishing boats - Saudi Arabia. 4. السمك - الأسماك. I. United Kingdom. White Fish Authority, corp. II. Title III. Series

**05440**

639.209531

**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
[197-]

Outline proposal for commercial fish farm on Red Sea Coast of Saudi Arabia/ Kingdom of Saudi Arabia, Ministry of Agriculture and Water; White fish Authority, United Kingdom.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], leaves, 12 p of plates : ill. ; 33 cm.- (Fisheries development project. Investment proposal ; no. 2).

1. Fisheries - Saudi Arabia. 2. Navigation - Saudi Arabia - Red Sea Coast. 3. Saudi Arabia - Red Sea Coast. 4. السمك - الأسماك. I. United Kingdom. White Fish Authority, corp. II. Title III. Series

**05441**

639.209531

**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
[1979]

Plan for a fleet of Nine 20M, 350 HP trawlers operating on the Gulf coast project OS5 : economic appraisal of offshore fishing / Ministry of Agriculture; White Fish Authority, United Kingdom.- Riyadh : Ministry of Agriculture and Water, [1979].

23, [5] leaves : ill., maps ; 33 cm.- (Fisheries development project. Investment proposal ; 6).

1. Fisheries - Saudi Arabia. 2. Fishing - Saudi Arabia - Gulf Coast. 3. Fishery processing ships. 4. Fisheries navigation. I. United Kingdom. White Fish Authority, corp. II. Title III. Series

**05442**

639.209531

**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
[1979]

Preliminary study for a fisheries cooperative - Darin/ Ministry of Agriculture; White Fish Authority, United Kingdom.- Riyadh: Ministry of Agriculture and Water, [1979].

11 leaves ; 33 cm.- (Fisheries development project. field report ; 32 ).

1. Fisheries - Saudi Arabia. 2. Fishing boats - Saudi Arabia - Gulf Coast. 3. Fishing - Saudi Arabia - Darin. I. United Kingdom. White Fish Authority, corp. II. Title III. Series

**05443**

639.209531

**S 85 Saudi Arabia. Ministry of Agriculture and Water**  
1979

The organization of a department of fisheries for Saudi Arabia/ Ministry of Agriculture; White Fish Authority, United Kingdom.- Riyadh : Ministry of Agriculture and Water, 1979.

14 leaves : ill. ; 33 cm.- (Fisheries development project, field report ; 33).

1. Fisheries - Saudi Arabia. 2. Fishery management - Saudi Arabia. I. United Kingdom. White Fish Authority, corp. II. Title III. Series

**05444**

639.209531

**S 85 Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre,**  
1973  
**Jeddah**

Exploratory fishing in the area from Jeddah to Yanbu, 2nd - 12th July, 1973/ Marine Research Centre.- Jeddah : Ministry of Agriculture and Water, 1973.

16 p.; 33 cm.- (Marine Research Centre Jeddah. FRV 1 cruise report ; no. 9).

1. Marine sciences- Jeddah. 2. Fisheries - Jeddah. 3. Fishing - Saudi Arabia. 4. - الأسماك. I. Title II. Series

**05445**

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1974 Water, Marine Research Centre,  
Jeddah

Further investigations in the Farasan  
bank/ Marine Research Centre, Jeddah.-  
Jeddah : Ministry of Agriculture and  
Water, K. S. A., 1974 .

13 p.; ill.; 33 cm.- (Marine Research  
Centre, Jeddah. FRV 1 cruise report; no. 20).

1. Marine sciences - Saudi Arabia -  
Farasan Island. 2. Fisheries - Saudi Arabia  
- Farasan Island. 3. جزيرة فرسان. 4. (السعودية)  
I. Title II. Series

05446

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1974 Water, Marine Research Centre,  
Jeddah

Investigations in the area of Gizan,  
the Farasan Islands and the Farasan Bank,  
26th February - 13th March, 1974/ Marine  
Research Centre Jeddah.- Jeddah :  
Ministry of Agriculture and Water, 1974.

33 p.; ill.; 33 cm.- (Marine Research  
Centre, Jeddah. FRV 1 cruise report; no. 14).

1. Jazan (Saudi Arabia) - Fisheries.  
2. (السعودية) جازان I. Title II. Series

05447

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1974 Water, Marine Research Centre,  
Jeddah

Investigations on the area of Gizan  
and the southern Farasan Bank, 1st-17th  
December, 1974/ Marine Research Centre,  
Jeddah.- Jeddah : Ministry of Agricultural  
and Water, 1974.

19 p.; 33 cm.- (Marine Research  
Centre Jeddah. HRV 1 cruise report; no. 21).

1. Fisheries - Saudi Arabia - Jazan.  
2. Marine sciences- Saudi Arabia - Farasan  
Island. 3. (السعودية) جازان I. Title II.  
Series

05448

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1974 Water, Marine Research Centre,  
Jeddah

Reconnaissance of some areas suitable  
for trawling in the region of Al Lith and Long  
Island/ Marine Research Centre Jeddah.-  
Jeddah: Ministry of Agriculture and Water,  
1974.

5 p.; 33 cm.- (Marine Research Centre  
Jeddah. FRV 1 cruise report; no. 19).

1. Marine sciences - Saudi Arabia -  
Al-Layth. 2. Fisheries - Saudi Arabia - Al-  
Layth. 3. Marine sciences - Saudi Arabia.  
4. (السعودية) I. Title II. Series

05449

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1973 Water, Marine Research Centre,  
Jeddah

Reconnaissance of the area between  
Jeddah and Al Lith/ Ministry of  
Agriculture and Water, Marine Research  
Centre, Jeddah ; University College of  
North Wales, United Kingdom.- Jeddah :  
Ministry of Agriculture and Water, 1973.

6 leaves; 33 cm.- (Marine Research  
Centre, Jeddah. FRV 1 cruise report; no. 10).

1. Marine sciences - Jeddah. 2. Fisheries  
- Jeddah. 3. Marine sciences - Saudi Arabia.  
4. (السعودية) I. University College of  
North Wales, corp. II. Title III. Series

05450

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and  
1973 Water, Marine Research Centre,  
Jeddah

Reconnaissance of the area between  
Jeddah and Gizan, May, 1973/ Marine  
Research Centre.- Jeddah : Ministry of  
Agriculture and Water, 1973.

17 p. : ill. ; 33 cm.- (Marine Research  
Centre Jeddah. FRV 1 cruise report; no. 8).

1. Marine sciences- Jeddah. 2. Fisheries -  
Jeddah. 3. Jazan (Saudi Arabia) - Marine  
sciences. 4. (السعودية) I. Title II. Series

05451

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah

Reconnaissance of the Northern Red Sea from Jeddah to Khoreiba, 30th March - 18th April, 1974/ Marine Research Centre, Jeddah. - Jeddah : Ministry of Agriculture and Water, 1974.

16 p.; 33 cm.- (Marine Research Centre, Jeddah FRV 1 Cruise report; no. 16).

1 Marine sciences - Jeddah 2. Fisheries - Jeddah. 3. Coasts - Saudi Arabia - Surveys. 4. Marine sciences - Saudi Arabia. 5. - الاسمك - السمكية. I. Title II. Series

**05452**

639.209531

S 85 Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre, Jeddah

Training trips on FRV 1/ Marine Research Centre.- Jeddah : Ministry of Agricultural and Water, K.S.A., 1972.

13 p.- (Marine Research Centre Jeddah. FRV 1 cruise report; no. 1-7 and 15).

1. Marine sciences - Jeddah. 2. Fisheries - Jeddah. 3. Marine sciences - Saudi Arabia. 4. - الاسمك - السمكية. I. Title II. Series

**05453**

639.209531

S 85 Saudi Fisheries Company

1983 Saudi Fisheries Company : the report of the Board of Directors on the company's first financial period on the 30 Dhu Al-Hajja 1402, (17/10/1982).- Dammam : Saudi Fisheries Company, 1983.

26 p. : col. ill., ports. ; 27 cm.

1. Fisheries - Saudi Arabia. 2. Saudi Fisheries Company. I. Title

**05454**

639.209531

W 675 Williams, T. M.

[197-] Navigation of the Red Sea Coast of Saudi Arabia/ by T.M. Williams.- Riyadh: Ministry of Agriculture and Water, [197-].

[7], 3, 20 p. of plates : maps ; 33 cm.- (Fisheries development project. Technical report ; no. 1).

Ministry of Agriculture and Water ; and United Kingdom, White Fish Authority. 2. Fisheries - Saudi Arabia. 3. - الاسمك - السمكية. I. Saudi Arabian. Ministry of Agriculture and Water, corp. II. United Kingdom. White fish Authority, corp. III. Title IV. Series

**05455**

639.209531

W 675 Williams, T. M.

1974 Report on a visit to North-Western Region of Saudi Arabia - April 1974/ by T.M. Williams and B.I. Al-Shoura.- Jeddah : Ministry of Agriculture and Water, 1974.

[1], leaves, 1 p. : map. ; 33 cm.

Sponsors: Saudi Arabia, Ministry of Agriculture and Water and University College of North Wales, United Kingdom. - Bibliography: p. 9. - Spiral binding.

1. Fisheries - Saudi Arabia. 2. - الاسمك - السمكية. I. Al-Shoura, B. I., j.a. II. Saudi Arabia. Ministry of Agriculture and Water. Marine Research Centre Jeddah., corp. III. University College of North Wales, corp. IV. Title V. Series

**05456**

639.209531

W 85 Wood, John A.

[197-] Set net trials to improve Red Sea coastal catch rates/ by John Wood and Nigel Peacock.- Riyadh : Ministry of Agriculture and Water, [197-].

[1], 7 p. : ill. ; 33 cm.- (Fisheries development project. Field report ; no. 16).

Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority.

1. Fisheries - Saudi Arabia. 2. Fishing - Saudi Arabia - Equipment and supplies.

3. Fishing nets - Saudi Arabia. 4. - الأسماك  
المسجودة. I. Peacock, Nigel, j.a. II. Saudi  
Arabia. Ministry of Agriculture, corp. III.  
United Kingdom. White Fish Authority,  
corp. IV. Title V. Series

**05457**

639.209531

Z 19 Zayed, Ali E.

- 1974 Report on the production and distribu-  
tion of ice along the Red Sea coast  
between Yanbo and Al Gunfida/ by Ali E.  
Zayed.- Jeddah : Marine Research Centre,  
1974.

6 leaves ; 33 cm.- ( Marine Research  
Centre, Jeddah. Internal report ; 11).

"Report also available in Arabic.. tp."

1. Ice - Saudi Arabia - Red Sea Coast.

2. Fisheries - Saudi Arabia - Al-Gunfida -  
Collection and presentation. 3 Fisheries  
- Saudi Arabia - Yanbu. 4. Fisheries - Red  
Sea Coast (Saudi Arabia). I. Saudi Arabia.  
Ministry of Agriculture and Water.  
Marine Research Centre, Jeddah, corp. II.  
University College of North Wales, corp.  
III. Title IV. Series

**05458**

639.209531

Z 19 Zayed, Aly E.

- 1974 Report on the marketing and  
distribution of fish along the Red Sea  
Coast between Yunbo and Al Gunfida/ by  
Aly E. Zayed.- Jeddah : Ministry of  
Agriculture and Water, K.S.A., 1974.

8 p. ; 33 cm.- ( Marine Research  
Centre, Jeddah. Internal report ; no. 9).

1. Marine sciences - Saudi Arabia.

2. Marine fishes - Saudi Arabia. 3. Fisheries -  
Saudi Arabia. 4. - الأسماك - المسجودة. I. Saudi  
Arabia. Ministry of Agriculture and Water.  
Marine Research Centre Jeddah, corp. II.  
Title III. Series

**05459**

639.20953105

F 539 Fishery statistics bulletin for the Kingdom

- 1985/86- of Saudi Arabia. - 1985/86- Marine  
Fisheries Research And Development  
Centre -Jeddah: Marine Fisheries  
Research and Development Centre ,  
1985/86-.

v. : ill., map ; 30 cm.

1. Fisheries - Saudi Arabia. 2. Fisheries -  
Yearbooks. 3. Fishery management - Saudi  
Arabia. 4. - كسب سنوية - المسجودة - I.  
Saudi Arabia Marine Fisheries Research and  
Development Centre, corp.

**05460**

639.309

M 29 Mal, Ahmad Osman

- 1986 The effects of 17 alpha-methyltes-  
tosterone on gonadal and growth of Chinook  
Salmon/ Ahmad Osman Mal, 1986.

ix, 65 p. : ill. ; 28 cm.

Thesis (M Sc.) - University of  
Washington, 1986.

1. Fish-culture. 2. - زربية - I. Title

**05461**

639.3209531

G 941 Saudi Arabia. Ministry of Agriculture  
and Water. Fish Farming Centre

- Guidelines for prospective marine  
fish farmers in the Kingdom of Saudi  
Arabia/ prepared by Fish Farming Centre,  
Department of Agricultural Research,  
Ministry of Agriculture and Water,  
Kingdom of Saudi Arabia.- Jeddah : Fish  
Farming Center, 1987.

33 leaves ; 31 cm.

1 Fish-culture - Saudi Arabia. I. Title

**05462**

639.3255

G 341 Gharbawi, Waleed Yousef

- 1987 The effects of seventeen alpha-  
methyltestosterone on seawater entry of  
Chinook Salmon, *Oncorhynchus tshawytscha*/  
by Waleed Yousef Gharbawi, 1987.

xii, 104 p. : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Washington, 1987.

1.Fish-culture. 2.Salmonidae. 3. - الأسماك  
ترجمة. I. Title

**05463**

639.342

H 834 p **Howard, K. T.**

[197-] Prospects for marine farming in Saudi Arabia : an examination of the hydrographic parameters in summertime to assess the suitability of the Rabigh Coast for marine farming/ by K. T. Howard, M. Amoudi, P. Vine.- Riyadh : Ministry of Agriculture and Water, [197-].

[3], 22 leaves, 7 plates : map ; 33 cm.- (Fisheries development project. Field report ; no. 20).

Sponsors: Kingdom of Saudi Arabia, Ministry of Agriculture and Water; and United Kingdom, White Fish Authority. - Bibliography: p. 22.

1. Marine resources - Saudi Arabia .  
2. Fishes - Red Sea Coast (Saudi Arabia).  
3. Fisheries - Saudi Arabia. 4. - الأسماك  
السعودية. I. Ministry of Agriculture and Water, corp. II. Amoudi, M., j.a. III. Vine, P., j.a. IV. United K. White fish Authority, corp.

**05464**

639.370690916533

N 412 Neve, Paul

1972 Dangerous Red sea fishes/ by Paul Neve.- Jeddah : Marine Research Centre, 1972.

12 p. : ill. ; 30 cm.- (Ball. Mar. Res. Centre, Saudi Arabia ; no. 1 ).

Head title: University College of North Wales, Bangor and Ministry of Agriculture and Water, Saudi Arabia. - Reprinted from: Saudi Arabian Natural History Society Journal, No. 3, (March 1972).

1. Poisonous fishes - Red Sea. I. Title  
II. Series

**05465**

639.3752

H 119 Al-Hafedh, Yousef Saleh

1990 Response to selection for body length and weight in channel catfish (*Ictalurus Punctatus*) at six months of age as grown in earthen ponds/ Yousef Saleh Al-Hafedh, 1990.

vi, 27 leaves ; 28 cm.

Thesis (M.Sc.) - Mississippi State University, 1990. - Bibliography: l. 24-27

1. Catfishes. 2. Fish-culture. I. Title

**05466**

639.3758

A 69 Al-Amoudi, Mohammad M.

1982 Studies on the acclimation of commercially cultured *Sarotherodon* species to sea water/ Mohammad M. Al-Amoudi, 1982.

xiii, 183 leaves : ill., plates ; 31 cm.

Thesis (Ph.D.) University of Stirling, 1982. - Bibliography: l. 146-170.

1.Sarotherodon. 2.Fish-culture. I.Title

**05467**

639.3758

H 119 Al-Hafedh, Yousef Saleh

1994 Estimation of genetic parameters and comparison of breeding strategies for *Tilapia Nilotica* (*Oreochromis niloticus*)/ Yousef Saleh Al-Hafedh, 1994.

viii, 117 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Guelph, 1994. - Includes bibliographical references.

1.Tilapia - Genetics. 2. Tilapia - Breeding. 3. Fishes - Genetics. 4. Fishes - Breeding. 5. Fish - culture. I. Title

**05468**

639.543

B 869 Bukhari, Feisal Abdulaziz

1988 Prawn growth in monoculture and polyculture with carp, tilapia, and carp and tilapia/ by Feisal Abdulaziz Bukhari, 1988.

xi, 28 leaves : ill. ; 29 cm.

05469

639.543

B 869 Bukhari, Feisal Abdulaziz

1994 Studies to optimise the culture conditions for *penaeus indicus* from the Saudi Arabian coast of the Red Sea/ Feisal Abdulaziz Bukhari. 1994.

130, ca. 126 leaves : 30 cm.

Thesis (Ph.D.) - University of Wales,  
Bangor. 1994. - Includes bibliography.

1. *Penaeus indicus*. 2. Shrimps. I Title

05470

639.5430953001

P 931 Price, A. R. G.

1975 Commercial and biological aspects of the Saudi Arabian Gulf shrimp fishery/ by A.R.G. Price and D.A. Jones.- Jeddah : Marine Research Centre. 1975.

24. [24] v. : ill. : 30 cm. - (Bull. Mar.

Res. Centre, Saudi Arabia: : 6).

Head title: University College of North Wales, Benger and Ministry of Agriculture and Water, Saudi Arabia.

1. Shrimp fisheries - Arabian Gulf

2. Shrimp fisheries - Saudi Arabia. 3. - اربيان  
I. Jones, D. A., j.a. II. Title III. Series

05471

639.8

**In 8 International Symposium on Aquaculture  
1993 Technology and Investment  
Opportunities (1st: 1993: Riyadh)**

**Aquaculture technology and investment opportunities: proceedings of the first International Symposium on Aquaculture Technology and Investment Opportunities, 19-22 Shawwal 1413 H. 11-14 April 1993 G. Riyadh, Saudi Arabia/ sponsored and organized by**

Ministry of Agriculture and Water, King Abdulaziz City for Science and Technology and Riyadh Chamber of Commerce and Industry.- Riyadh : Ministry of Agriculture and Water, 1993.

xv, 627 p. : ill. : 24 cm.

Includes bibliographical references.

1. Aquaculture - Congresses. 2. Aquaculture - Saudi Arabia - Congresses. 3. تربية الأسماك - السعودية - مؤتمرات. I. Al-Thobaiti, Salem A., ed. II. Title

05472

639.909531

S 68 Wildlife conservation and development in

1989 **Saudi Arabia**: proceedings/ edited by Abdulaziz H. Abu-Zinada, Paul D. Goriup and Iyad A. Nader.-Riyadh: National Commission for Wildlife Conservation and Development, 1989.

xiii, 406 p. : ill. : 24 cm. -- (National

Commission for Wildlife Conservation  
and Development: publication : no. 3).

Some text in Arabic.

### 1. Wildlife Conservation - Saudi Arabia

I. Abu-Zinada, Abdulaziz H., ed. II. Goriup, Paul D., ed. III. Nader, Iyad A., ed. IV. Title V. Series

05473

639.909531

N 213 National Wildlife Research Center  
[1987] (Taif, Saudi Arabia)

National Commission for Wildlife Conservation and Development/ National Wildlife Research Center, Taif, Kingdom of Saudi Arabia.- Riyadh : King Saud University Press. [1987].

12 p. : col. ill. ; 30 cm.

### 1. Wildlife Conservation - Saudi Arabia

2.National Commission for Wildlife Conservation and Development. 3. - الحياة الفطرية  
السعودية. I. Title

05474

639.909531

S 85 Saudi Arabian T.V.

- 1992 Challenge of the habitats [video recording]/ Saudi Arabian T.V.; filmed and directed by Gunnar Bernert; produced by ARA International Productions.- Riyadh : ARA International Productions, 1992.

1 video cassette (ca. 38 min.) : sd., col.

Container title: National Commission for Wildlife Conservation and Development.

1. Wildlife Conservation - Saudi Arabia. 2. Wildlife management - Saudi Arabia. 3. الحياة الفطرية - السعودية. I. Bernert, Gunnar II. ARA International Productions, corp. III. National Commission for Wildlife Conservation and Development, corp. IV. Title V. Series

05475

639.9509531

S 85 Saudi Arabia. National Commission for Wildlife Conservation and Development

Protected wildlife reserves in the Kingdom of Saudi Arabia/ National Commission for Wildlife Conservation and Development.- Riyadh : National Commission for Wildlife Conservation and Development, [19-].

28 p. : col. ill., map. ; 22 x 28 cm.

1. Wildlife conservation. 2. Wildlife Conservation - Saudi Arabia. 3. الحياة الفطرية - السعودية. I. Title

05476

639.979735709531

S 85 Saudi Arabia. National Commission for Wildlife Conservation and Development

Oryx and reem : back to the wild in 'Uruq Bani Ma'arid' protected area/ Kingdom of Saudi Arabia, National Commission for Wildlife Conservation and Development.- [Riyadh] : National Commission for Wildlife Conservation and Development, 1415 H, 1995

30 p. : col. ill., port. ; 21 cm.

1. Arabian Oryx - Saudi Arabia. 2. Deer - Saudi Arabia. 3. Game reserves - Saudi Arabia. 4. Wildlife management areas - Saudi Arabia. 5. Uruq Bani Ma'arid (Saudi Arabia). I. Title II. Title. Reem

05477

640.43

G 341 Al-Ghannam, Hamad A.N.

- 1993 An empirical model of spousal time allocation for market work, housework and leisure/ by Hamad A.N. Al-Ghannam, 1993.

x, 152 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1993. - Also available microfiche no. 3201. - Bibliography: l. 143-52.

1. Time management. 2. Family - Time management. 3. Home economics. 4. الاقتصاد المنزلي. I. Title

05478

640.712531

A 32 Al-Abdulhadi, Shuaa Abdulhadi

- 1987 A critique of home economics education program in the secondary school of Saudi Arabia/ by Shuaa Abdulhadi Al-Abdulhadi, 1987.

iv, 122 leaves ; 29 cm.

Thesis (M.Sc.) - Ohio State University, 1987. - Also available microfiche no. 591. - Bibliography: l. 64-67.

1. Home economics - Study and teaching (Secondary) - Saudi Arabia. 2. الاقتصاد المنزلي - تعليم. I. Title

05479

641.1

S 13 Al-Shagrawi, Reshod Abdallah

- 1986 Effect of level of total fat, cholesterol and lead in humans/ by Reshod Abdallah Al-Shagrawi, 1986.

x, 119 leaves ; 29 cm.

Thesis (M.Sc.) - University of Nebraska, Lincoln, 1986. - Also available microfiche no. 1490. - Bibliography: l. 50-58.

1. Manganese in human nutrition.
  2. Minerals in human nutrition.
  3. Food - Fat content.
  4. Food - Cholesterol content.
  5. النخالة. I. Title
- 05480**
- 641.18  
A 32 Al-Abdulaty, Abdulaty Ibrahim  
1986 Determination of retinol by aqueous reverse phase open column system/ by Abdulaty B. Al-Abdulaty, 1986.  
x, 81 leaves ; 29 cm.  
Thesis (Ph.D.) - University of Rhode Island, 1986. - Also available microfiche no. 102. - Bibliography: l. 76-81.  
1. Vitamin A in human nutrition.  
2. الفيتامينات. I. Title
- 05481**
- 641.30089927531073  
Ot 3 Al-Othaimen, Abdulaziz Ibrahim  
1979 A survey of changing behapatterns of food intake, mother and child care, and food knowledge among the Saudi population affiliated with Tulane university, 1978-79/ by Abdulaziz Othaimen, 1979.  
23, 7, [9] leaves : ill. ; 29 cm.  
Thesis (M.A.) - Tulane University, 1979. - Also available microfiche no. 483. - Includes bibliography.  
1. Saudi Arabian students - Food. 2. Children - Saudi Arabia - Nutrition .  
3. Food habits - Saudi Arabia. I. Title
- 05482**
- 641.3009531  
Ot 3 Al-Othaimen, Abdulaziz Ibrahim  
1991 Food habits, nutritional status and disease patterns in Saudi Arabia/ Abdulaziz Ibrahim Al-Othaimen, 1991.  
415 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Surrey, 1991. - Bibliography: l. 389-415.  
1. Nutrition - Saudi Arabia. 2. Food habits - Saudi Arabia. 3. السعودية - I. Title
- 05483**
- 641.35655  
J 314 Al-Jasser, Muhammed Sulaiman.  
1982 Properties of flour from sodium bicarbonate treated soybeans/ Mohammed S. Al-Jasser, 1982.  
x, 78 leaves : col.ill. ; 29 cm.  
Thesis (M.Sc.) - Tuskegee Institute of Alabama, 1982. - Bibliography: l. 67-78.  
1. Soy flour. 2. Flour. 3. Soybean products. 4. Soyfoods. I. Title
- 05484**
- 641.35656  
W 51 Al-Wesali, Mohammad Saas  
1988 Phytate-protein interaction in peas/ by Mohammad Saad Al-Wesali, 1988.  
x, 86 leaves ; 28 cm.  
Thesis (M.Sc.) - Washington State University, 1988. - Also available microfiche no. 2069. - Bibliography: l. 79-86.  
1. Peas. 2. Food - Protein content .  
3. Proteins. 4. البازلاء - زراعة. I. Title
- 05485**
- 641.36  
Oh I Al-Ohaidib, Abdulaziz I.  
1995 Chemical, physical and sensory properties of fermented sausages prepared from mutton and poultry/ by Abdulaziz I. Al-Ohaidib, 1995.  
72 leaves ; 29 cm.  
Thesis (M.Sc.) - University of Maine, 1995. - Also available microfiche no. 3609. - Bibliography: l. 62-70.  
1. Sausages. I. Title
- 05486**
- 641.47  
D 35 Al-Debasi, Mohammad Abdullah  
1983 Studies on the sensitivity of campylobacter jejuni to antimicrobial food additives at different temperature and pH/ by Mohammad Abdullah Aldebasi, 1983.  
xii, 213 leaves : ill. ; 29 cm.



Thesis (M.Sc.) - University of Washington, 1983. - Also available microfiche no. 1960. - Bibliography: l. 192-213.

1. Campylobacter. 2. Food additives. 3. الأغذية. I. Title

**05487**

641.4925

**A 11 Al-Arabi, Medani M**

1985 Chemical indicators of bacterial spoilage in ground lamb meat/ by Medani M. Al-Arabi, 1985.

v, 69 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Wisconsin-Madison, 1985. - Also available microfiche no. 1610. - Bibliography: l. 63-69.

1. Lamb (Meat). 2. Meat - Microbiology. 3. اللحم. I. Title

**05488**

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**B 167 Ba-Jaber, Adnan Salem**

1990 Restructuring poultry meat with nonmeat ingredients by extrusion cooking/ Adnan Salem Ba-Jaber, 1990.

xxix, 327 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State University, 1990. - Bibliography: l. 263-276.

1. Poultry, Mechanically deboned. 2. Poultry - Processing. 3. Poultry as food. I. Title

**05489**

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**Ib 7 Al-Ibrahm, Ibrahim Ahmed**

1984 The effect of the nonabsorbable antioxidant, anoxomer, on the stability of white and dark chicken emulsion stored at -27 C for up to 36 weeks/ by Ibrahim Ahmed Al-Ibrahm, 1984.

vii, 73 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Maine, at Orno, 1984. - Also available microfiche no. 1022. - Bibliography: l. 64-68.

1. Frozen chicken. 2. Frozen poultry. 3. الدواجن. I. Title

**05490**

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**S 59 Sultan, Mohammad Qassim**

1987 The effect of the nonabsorbable antioxidant anoxomer on lipid oxidation in cooked and uncooked white and dark chicken meat emulsion stored at 4 [degree] C/ by Mohammad Qassim Sultan, 1987.

xi, 65 leaves ; 29 cm.

Thesis (M.Sc.) - University of Maine, 1987. - Also available microfiche no. 74. - Bibliography: l. 59-64.

1. Frozen poultry. 2. Poultry as food. 3. Frozen chicken. 4. الدجاج المجمد. I. Title

**05491**

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**C 899 The Cultural cuisines cookbook/** edited 1994 by Sharon Verdy O'Brien. - Riyadh: Cancer Support Network, 1994.

viii, 413 p. : ill., map ; 26 cm.

Includes index.

1. Cookery. 2. Nutrition. 3. Food. I. O'Brien, Sharon Verdy, ed.

**05492**

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**H 119 Hafez, Rabha Ahmed**

1994 The Saudi and oriental cooking originals/ prepared by Rabha Ahmed Hafez. - 1st ed.. - Riyadh : Al-Khataiji Bookshop, 1994.

331 p. : col. ill. ; 32 cm.

Includes index.

ISBN9960-659-03-8

1. Cookery - Saudi Arabia. 2. Cookery, Arab. 3. Cookery, Oriental. 4. الطهي - السعودية. I. Title

**05493**

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**B 663 Boukary, Amal Ahmad Mohamed**

1988 Assessment of the nutritional status of preparatory School girls in Jeddah, Saudi Arabia/ Amal Ahmad Mohamed Boukary, 1988.

- 212, [32] p. : ill. ; 31 cm.  
Thesis (Ph.D.) - Girl's College of Education, Jeddah, 1988. - Bibliography: p. 195-212.  
1. School children - Saudi Arabia - Nutrition. 2. Students - Saudi Arabia - Nutrition. 3. Children - Saudi Arabia - Nutrition. I. Title
- 05494**
- 641.59531  
**A 75 The Art of Saudi cooking / compiled by**  
1987 Zobaïda Mousily, Safiya Suleiman, Samia al Harkan. - 1st ed. - Riyadh: Al Nahda Women's Charity Society, 1987.  
575 p. : col. ill. ; 30 cm.  
1. Cookery - Saudi Arabia. 2. Cookery. 3. السعودية - طبخ. I. Mousily, Zobaïda, comp. II. Suleiman, Safiya, comp. III. Al Harkan, Samia, comp. IV. Al Nahda Women's Charity Society. Cultural Council
- 05495**
- 641.6565  
**M 725 Mohamed, S. S.**  
1983 Textural and rehydration characteristics of field dried Faba beans (Vicia Faba) S.S. Mohamed, 1983.  
308 leaves : ill., plates ; 31 cm.  
Thesis (Ph.D.) - University of Reading, 1983. - Bibliography: I. 278-297.  
1. Cookery (Peas). 2. Cookery (Legumes). 3. Faba bean. I. Title
- 05496**
- 646.4  
**Y 26 Yaseen, Nawal Hamed**  
1981 Ideas that help to make clothing construction techniques easier/ Nawal H. Yaseen, 1981.  
117 leaves : ill. ; 29 cm.  
Thesis (M.A.) - University of Northern Colorado, 1981. - Also available microfiche no. 1250. - Bibliography: I. 117.  
1. Clothing and dress. 2. Sewing. 3. تصميل الملابس. I. Title
- 05497**
- 646.40409531  
**D 111 Al-Dabbagh, Zeinab M.A.**  
1980 The Establishment of average body measurements for Saudi Arabian women and the development of basic garment patterns/ by Zeinab M.A. Al Dabbagh, 1980.  
xiii, 219 leaves ; 29 cm.  
Thesis (Ph.D.) - Texas Women's University, 1980. - Also available microfiche no. 1112. - Bibliography: I. 213-219.  
1. Dressmaking - Saudi Arabia. 2. Dressmaking - Pattern design - Saudi Arabia. 3. Costume design - Saudi Arabia. 4. Women - Saudi Arabia. 5. تصميل الملابس - السعودية. I. Title
- 05498**
- 647.940285  
**M 856 Al-Motawa, Saad A.A.**  
1988 HMSP "hotel managements software package"/ by Saad A. A. Al-Motawa, 1988.  
ca. 120 leaves ; 28 cm.  
Thesis (M.A.) - Sangamon State University, 1988. - Also available microfiche no. 2189. - Bibliography: I. 41.  
1. Hotel management - Saudi Arabia - Computer programs. 2. Hotel management - Computer programs. 3. الفنادق - السعودية. I. Title
- 05499**
- 647.940285  
**W 823 Al-Wohaibi, Nasser A.**  
1989 H.R.A.S : hotel room allocation systems/ by Naser A. Al-Wohaibi, 1989.  
iv, 92 leaves ; 28 cm.  
Thesis (M.A.) - Sangamon State University, 1989. - Bibliography: I. 56.  
1. Hotel management - Data processing. 2. Hotel housekeeping - Data processing. I. Title
- 05500**

649.1

H 95 Abu-Husain, Nawal A.

- 1989 Differences in parents' child rearing practices and the sociometric status of their children/ Nawal A. Abahusain, 1989. ix, 35 leaves ; 28 cm.  
Thesis (M.Sc.) - Colorado State University, 1989. - Bibliography: l. 33-35.  
1. Child rearing. 2. Parenting. I. Title

05501

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- R 227 The Reader's digest mother and baby book/ editor Ursula Whyte ... [et al.]; photographer Sandra Lousada. - London: Reader's Digest Association, 1986. 192 p. : ill. ; 22 cm.  
Includes index.  
ISBN0-276-39295-7  
1. Infants - Care. 2. Child care. 3. Child development. 4. الاطفال - رعاية. I. Whyte, Ursula, ed. II. Lousada, Sandra, ill.

05502

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H 18 Hamid, SaïM.

- [19-] Introduction to process of management/ Saiyid M. Hamid.- Riyadh : Institute of Public Administration, [19-]. 14 leaves ; 33 cm.  
1. Management. I. Title

05503

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In 7 Institute of Public Administration. Library

- 1973 Selected books on management and related fields/ prepared by I.P.A. library.- Riyadh : Institute of Public Administration, 1393 H, 1973. 19 leaves ; 28 cm.  
At head of title page: Institute of Public Administration, Riyadh, Executive Development Program, Management Process, Seminar.  
1 Management-Bibliography. 2. Business - Bibliography. I. Title

05504

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Un 3 University of Petroleum and Minerals, Dhahran

- Bibliography on management/ University of Petroleum and Minerals Library.- Dhahran : University of Petroleum and Minerals, 1981. vi, 58 p. ; 24 cm.- (Bibliographical series ; v. 2).  
Includes index.  
1. Management - Bibliography. 2. Business - Bibliography. 3. إدارة الأعمال - بيبليوجرافيات. I. Title II. Series

05505

650.0712

Z 15 Zanaty, Aly Othman

- 1982 Notes in business methods and correspondence/ by Aly O. Zanaty.- Riyadh: General Organization for Technical Education and Vocational Training, 1982. 2 v. : ill. ; 24 cm.  
Cover page: Notes in business methods and Correspondence. - Book 2 : Third Year, Secondary Schools of Commerce.  
1. Business - Methodology - Study and teaching (Secondary). 2. Commercial Correspondence - Study and teaching (Secondary). 3. Business - Study and teaching (Secondary). 4. English language - Business English - Study and teaching (Secondary). 5. إدارة الأعمال - تعليم. I. Title

05506

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D 36 Deek, Khalil George

- 1972 Business education curriculum practices in Saudi Arabia public secondary schools and certain recommendations for change/ by Khalil George Deek, 1972. ix, 206 leaves ; 21 cm.  
Thesis (Ph.D.) - University of Southern California, 1972. - Also available microfiche no. 863. - Bibliography: l. 203-206.  
1. Business education - Saudi Arabia - Curricula. 2. Business - Study and teaching (Secondary) - Saudi Arabia. 3. التعليم الثانوي - مناهج - السعودية. I. Title

05507

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**B 179 Al-Bakr, Mohammed**

1990 Self-esteem and socioeconomic background: the relationship between self-esteem and work/ by Mohammed Al-Bakr, 1990.

xi, 154 leaves ; 28 cm.

Thesis (Ph.D.) - Michigan State University, 1990. - Bibliography: l. 146-154.

1. Self-esteem. 2. Power (Social sciences). 3. Job satisfaction. 4. Personality.

I. Title

**05508**

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**F 228 Al-Faris, Hend**

1995 The impact of computerized patient records on the quality of inpatient care : the perspectives of physicians and nurses/ by Hend Al-Faris.- Michigan : U.M.I. Dissertation Service, 1995.

xiii, 207 p. : ill. ; 21 cm.

Thesis (Ph.D.) - George Washington University, 1995. - Also available microfiche no 3125. - Bibliography: p. 196-207.

1. Medical informatics - United States - Data processing. 2. Medical records - United States- Data processing. 3. Hospitals - United States - Administration - Data processing. 4. Medical records - Management - United States - Data processing. I. Title

**05509**

651.839531

**M 712 Al-Mobarak, Kamli Abdulhamed**

1985 A Design of an automated office information system for the Institute of Public Administration of Saudi Arabia/ by Kamli Abdulhamed Al-Mobarak, 1985.

x, 94 p. ; 28 cm.

Thesis (M.Sc.) - California State University, 1985.

1. Office Practice - Automation. 2. أجهزة المكتب - الحاسبة الإلكترونية. I. Title

**05510**

652.3

**A 72 Assar, M. A.**

1983 English touch typewriting for 1st year/ by M. A. Assar, Said A. Jaradawi.- Riyadh : General Organization for Technical Education and Vocational Training, 1983.

195 p. : ill., port. ; 24 cm.

Prescribed for the secondary commercial schools.

1. Typewriting - Style manuals. 2. Typewriting - Study and teaching. 3. الكتابة على الآلة المكتبية. I. Jaradawi, Said A., J.a. II. Title

**05511**

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**A 72 E Assar, M. A.**

1983 English touch typewriting for 2nd year/ by M. A. Assar, Said A. Jaradawi.- Riyadh: General Organization for Technical Education and Vocational Training, 1983.

171 p. : ill., port. ; 24 cm.

Prescribed for the secondary commercial schools.

1. Typewriting - Style manuals. 2. Typewriting - Study and teaching. 3. الكتابة على الآلة المكتبية. I. Jaradawi, Said A., J.a. II. Title

**05512**

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**A 72 Assar, M. A.**

1982 Notes in English touch typewriting for 3rd year/ by M. A. Assar, Said A. Jaradawi.- Riyadh : General Organization for Technical Educational and Vocational Training, 1982.

222 p. : ill., ports, facsimils ; 24 cm.

Prescribed for the secondary commercial schools.

1. Typewriting - Style manuals. 2. Typewriting - Study and teaching. 3. الكتابة على الآلة المكتبية. I. Jaradawi, Said A., J.a. II. Title

**05513**

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R 266 Al-Rehaily, Awad Salamah Fayez

1992 The evolution of accounting in Saudi Arabia : a study of its relevance to the social and economic environment/ Awad Salamah Fayez Al-Rehaily, 1992.  
xxi, 528 leaves ; 31 cm.

Thesis (Ph.D.) - University of Hull, 1992. - Bibliography: l. 478-492.

1.Accounting - Saudi Arabia. 2.Accounting - Developing countries. 3.الحسابية. I. Title

**05514**

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A 32 Abdulkader, Abdullah A.

1979 An empirical investigation of the time-series properties of accounting numbers at the industry level/ by Abdullah A. Abdulkader, 1979.

x, 165 leaves ; 29 cm.

Thesis (Ph.D.) - The Florida State University, 1979. - Also available microfiche no. 161. - Bibliography: l. 110-112.

1. Time-series analysis. 2. Financial statements. 3. التقارير المالية. I. Title

**05515**

657.3

S 21 Al-Sudairy, Salman Abdulrahman

1991 The detection and detectability of material misstatements in interim financial reports capital market participants/ by Salman Abdulrahman Al-Sudairy, 1991.

ix, 174 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Texas at Austin, 1991. - Bibliography: l. 165-171.

1.Financial statements. 2. Financial statements, Misleading. 3. التقارير المالية. I. Title

**05516**

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F 17 Faisal, Abdullah M.

1979 The effect of accounting for the cost of interest on the predictive ability of financial ratios/ by Abdullah M. Faisal, 1979.

x, 162 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Oklahoma, 1979. - Also available microfiche no. 172. - Bibliography: l. 135-141.

1. Accounting. 2. Financial statements. 3. التقارير المالية. I. Title

**05517**

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K 841 Kordi, Khalil Abdulfattah Khalil

1979 The major characteristics of the accounting information systems in some selected Saudi industrial business : a critical analysis/ by Khalil Abdulfattah Khalil Kordi, 1979.

xi, 243 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1979. - Also available microfiche no. 568. - Bibliography: l. 238-243.

1.Financial statements - Saudi Arabia. 2.Accounting - Saudi Arabia. 3. - التقارير المالية السعودية. I. Title

**05518**

657.45

B 293 Basodan, Yosif Abdullah

1994 The effect of experience on audit decision making processes and decision quality/ by Yosif Abdullah Basodan , 1994.

xii, 344 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Southampton, 1994. - At head of title: University of Southampton. - Bibliography: l. 328-344.

1.Auditing - Decision making. I. Title

**05519**

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S 85 Saudi Arabia. The General Auditing Bureau

1982 Comprehensive auditing standards/ Kingdom of Saudi Arabia - The General Auditing Bureau. - [Riyadh] : General Auditing Bureau, 1982.

xi, 148 p. ; 29

1. Auditing - Standards - Saudi Arabia. 2. Auditing - Standards. 3. - مراجعة الحسابات السعودية. I. Title

**05520**

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**B 147 Bahjatt, Mohammed Fida Abdul-Moatee**

1982 Stock market reaction to audit opinions containing reference to other auditors : an empirical evaluation/ by Mohammed Fida Abdul-Moatee Bahjatt, 1982.

xi, 172 leaves ; 29 cm.

Thesis (Ph.D.) - Michigan State University, 1982. - Also available microfiche no. 594. - Bibliography: l. 169-172.

1. Auditing. 2. Auditing, Analytical review. 3. Stock exchanges. 4. Stock index futures. 5. مراجعة الحسابات. I. Title

**05521**

657.48

**W 111 Al-Wabil, Wabil Ali**

1983 The effect of inflation on the predictive ability of financial ratios/ Wabil Ali Alwabil, 1983.

xiii, 179 leaves ; 29 cm.

Thesis (Ph.D.) - University of Missouri-Columbia, 1983. - Bibliography: l. 173-179.

1. Inflation (Finance). 2. Accounting - Effect of inflation on. 3. Ratio analysis. I. Title

**05522**

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**Y 14 Al-Yamani, Abdullah Gasim**

1980 Alternative accounting income measures and divided policy/ by Abdullah Gasim Al-Yamani, 1980.

xvi, 281 leaves ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1980. - Also available microfiche no. 162. - Bibliography: l. 215-225.

1. Income accounting. 2. Dividends - Accounting. 3. الدخل. I. Title

**05523**

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**A 73 Asseeri, Abdullah Ali Abdullah**

1994 Income management practices of UK companies : an empirical and theoretical

investigation/ by Abdullah Ali Abdullah Asseeri, 1994.

viii, 250 leaves ; 30 cm.

Thesis (Ph.D.) - University of Dundee, 1994. - Bibliography: l. 238-250.

1. Income accounting. 2. Accounting. 3. Financial statements. 4. Business enterprises - Finance. I. Title

**05524**

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**G 341 Al-Ghamdi, Saad A.**

1980 The impact of inventory valuation techniques on time series behavior of firms earning and cash flows/ by Saad A. Al-Ghamdi, 1980.

v, 66 leaves ; 28 cm.

Thesis (Ph.D.) - Oklahoma State University, 1980. - Also available microfiche no. 322. - Bibliography: l. 62-66.

1. Inventories - Accounting. 2. Time-series analysis. 3. Cash flow. 4. ايرادات. I. Title

**05525**

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**D 677 Al-Doghan, Abdulaziz A.**

1985 Design of a computerized payroll system in a control conscious environment/ by Abdulaziz A. Aldoghan, 1985.

78 leaves ; 29 cm.

Thesis (M. Sc.) - University of New Haven, 1985. - Bibliography: l. 77-78.

1. Wages - Accounting - Data processing. I. Title

**05526**

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**E 88 Ba-Eissa, Mahmoud Omar**

1984 The Professionalisation of accounting: a study of the development of the accountancy profession with a special reference to Great Britain, the United States and Saudi Arabia/ by Mahmoud Omar Ba-Eissa. - Boston spa, Wetherby : British Library Document Centre, 1984.

viii, 437 leaves ; 25 cm. - (British thesis).

Thesis (Ph.D.) - University of Kent at Canterbury, 1984.- Bibliography: 1. 408-419.

1. Accounting - Saudi Arabia.
  2. Accounting - Britain.
  3. Accounting - United States.
  4. Accounting - Vocational guidance - Saudi Arabia.
  5. - المحاسبة (مهنة) - السعودية.
- I. Title II. Series

**05527**

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**S 41 Al-Shehry, Mohammed Z.**

1990 An empirical study of governmental account classification/ Mohammed Z. Alshehry, 1990.

19, ca. 54 leaves ; 28 cm.

Thesis (M.A.) - 1990. - Includes bibliography.

1. Finance, Public - Accounting.
2. Accounting. I. Title

**05528**

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**Od 1 Al-Odan, Abdullah Abdrehman**

1979 Managerial difficulties facing government accounting in Saudi Arab/ by Abdullah Abdrehman Al-Odan, 1979. v, 105 leaves ; 28 cm.

Thesis (M.A.) - University of San Francisco, 1979. - Also available microfiche, no. 1238. - Bibliography: I. 104-105.

1. Managerial accounting - Saudi Arabia.
  2. Accounting - Saudi Arabia.
  3. Managerial economics - Saudi Arabia.
  4. Finance, Public - Saudi Arabia.
  5. Finance, Public - Accounting.
  6. المحاسبة.
- I. Title

**05529**

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**T 17 Tarabzune, Muhiadin R.**

1984 An Analysis of the effect of capitalizing exploration and development costs in the petroleum industry with emphasis on possible economic consequences in Saudi Arabia/ Muhiadin R. Tarabzune.- 1st ed.- Jeddah : Tihama, 1984.

293 p. : ill. ; 24 cm.- (University thesis ; no. 22). Bibliography: p. 231-241. - Abstract of a thesis (Ph.D.) - University of Arkansas.

1. Petroleum - Saudi Arabia - Accounting.
  2. Accounting - Saudi Arabia.
  3. Petroleum industry and trade - Saudi Arabia - Accounting.
  4. - البترول - محاسبة.
- I. Title II. Series

**05530**

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**S 59 Al-Sultan, Sultan M.**

1980 Accounting and reporting practices of mixed (public - private) enterprise/ by Sultan M. Al Sultan, 1980.

vii, 190 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Missouri-Columbia, 1980. - Also available microfiche no. 328. - Bibliography: I. 180-190.

1. Accounting.
  2. المحاسبة.
- I. Title

**05531**

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**S 43 Spieckerman, Ernest T.**

1973 Organization and systems analysis and planning/ by Ernest T. Spieckerman.- Riyadh : Institute of Public Administration, 1393 H, 1973.

32 p. ; 28 cm.

"A paper presented at an Executive Development Seminar, sponsored by the Institute of Public Administration". t.p..

1. Management. I. Title

**05532**

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**T 911 At-Twaijri, Muhammad**

1993 English - Arabic dictionary of management terms with an Arabic - English glossary = معجم المصطلحات الإدارية: معجم المصطلحات الإدارية - عربي، معجم مصطلحات إدارية - إنجليزي / Muhammad I. At-Twaijri and Muhammad A. Al-Burayy.- Riyadh : Obekan Bookshop, 1993.

427 p. ; 25 cm.

ISBN9960-20-005-1

1. Management - Dictionaries. 2. إدارة معاجم. 3. الإعمال. Management - Dictionaries - Arabic. I. Al-Buraey, Muhammad A., J.A. II. Title III. Title: معجم للمصطلحات الإدارية: الإنجليزي - عربي مع مسرد عربي - الإنجليزي.

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G 341 Ghamri, Nayef Salah

- 1993 Organisational behaviour in small business in Saudi Arabia/ Nayef Salah Ghamri, 1993.

238, 9 leaves ; 31 cm.

Thesis (Ph.D.) - University of Durham, 1993. - Bibliography: I. 217-222.

1. Organizational behavior. 2. Organizational behavior - Saudi Arabia. 3. Industrial management - Saudi Arabia. 4. - إدارة الأعمال - السعودية. I. Title

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A 32 Abdul-Aziz, Al-Noghaither

- 1989 Feras Integrated Management System (FIMS)/ Al-Noghaither A. Aziz, 1989.

ca. 138 leaves ; 30 cm.

Thesis (M.Sc.) - Central Michigan University, 1989.

1. Management - Data processing. I. Title

05535

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S 21 Al-Said, Asem Mohammad

- 1987 Increasing managerial effectiveness through the utilization of computer technology/ Asem Mohammad Alsaid, 1987.

viii, 159 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Atlanta University, 1987. - Bibliography: I. 151-159.

1. Management - Data processing. 2. Management - Communication systems. 3. Management information systems. I. Title

05536

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S 21 Saif, Khalid Abdulrahman

- 1975 Technical competencies in business and electronic data processing needed by business electronic data processing teachers/ by Khalid Abdulrahman Saif, 1975.

2 v. (xx, 328 leaves) ; 29 cm.

Thesis (Ph.D.) - University of Northern Colorado, Greeley, 1975. - Also available microfiche no. 552. - Bibliography: I. 317-327.

1. Business - Study and teaching - Data processing. 2. - إدارة الأعمال - تعليم. I. Title

05537

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N 663 Noaman, Amin Yousef

- 1995 Reconciling formal and informal documentation in business modeling / by Amin Yousef Moaman, 1995.

viii, 89 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - McGill University Montreal, Canada, 1995. - Bibliography: I. 82-89.

1. Business - Data processing. 2. Business - Documentation. 3. Management - Data processing. 4. Hypertext systems. I. Title

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F 269 Fattoh, Ibrahim H.S.

- 1980 Business in the Kingdom of Saudi Arabia/ by Ibrahim H. S. Fattoh, 1980.

v, 69 leaves ; 28 cm.

Thesis (M.Sc.) - Colorado State University, 1980. - Also available microfiche no. 1741. - Bibliography: I. 45.

1. Saudi Arabia - Commerce. 2. Business enterprises - Saudi Arabia. 3. - إدارة الأعمال - السعودية. I. Title

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H 533 Higan, Abdulrahman A.

- 1991 The Importance of managers' values in shaping the culture of two Saudi



Organizations : RCJY and SABIC/ by Abdulrhman A. Higan, 1991.

ix, 183 leaves ; 29 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1991. - Bibliography: l. 175-183.

1. Organizational change - Saudi Arabia. 2. Management - Saudi Arabia.

3. Manpower planning - Saudi Arabia.

4. إدارة الأعمال - السعودية. I. Title

**05540**

658.150285

Ot I Al-Otaibi, Sunhat B.

1992 Linking strategy, information technology and performance in financial service organizations : an empirical investigation in the Gulf Cooperation Council countries/ by Sunhat B. Al-Otaibi, 1992.

ix, 199, 11 p. : ill. ; 29 cm.

Thesis (Ph.D.) - Southern Illinois University, 1992. - Bibliography: l. 162-96.

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N 152 Al-Namri, Majbour J.

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S 45 Al-Shenaiber, Sami

1992 Failure prediction models : an evaluation of the current state of the art/ by Sami AlShenaiber, 1992.

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S 29 Al-Sakran, Sulaiman Abdallah

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N 14 Al-Nahas, **Abdulkarim S.**

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A 78 Al-Amri, **Ayed T.**

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**M 272 Maghrabi, Ahmad Sadakah**

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  2. Personnel management - Study and teaching - Saudi Arabia.
  3. إدارة الأفراد - تدريب - السعودية
- 05559**
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  2. Employee motivation - Saudi Arabia.
  3. Executives - Saudi Arabia - Attitudes.
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A 61 Al-Abkari, Abdullah A.  
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  2. Employees - Rating of.
  3. Communication in organizations.
  4. Personnel management.
  5. Management science.
  6. إدارة الأفراد.
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  2. Motivation (Psychology).
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K 112 Kabli, Yousef

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A 11 Aba-Alkhalil, Noorah Abdullah Saleh

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H 127 Al-Hajri, Saied Hamad

1994 Job characteristics, job satisfaction, work-related values, organizational commitment, and job involvement among Saudi workers in the private sector/ by Saied Hamad Al-Hajri, 1994.

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2. Organizational effectiveness - Saudi Arabia. 3. Saudi Arabia - Officials and employees. 4. Job analysis - Saudi Arabia. 5. السعودية - الرضا الوظيفي. I. Title

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H 366 Al-Helelah, Abdullah

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S 91 Al-Suwaid, Abdulrahman

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A 11 Al-Adaily, Nassir Mohammed

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A 71 Al-Assaf, Fahad Hussein

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- 1988 Interpersonal relations as a possible mediating variable in the relationship between an organization's structure and organizational commitment/ Dakheel A. Al-Dakheelallah, 1988.

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3. Industrial management - Employee participation - Saudi Arabia.
4. Job satisfaction - Saudi Arabia.
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K122 Al-Kahtani, Rashid M.

1995 Interactive interior cutting plane algorithms for large scale multiple objective linear programming problems/ by Rashid M. Al-Kahtani, 1995.

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Z 1 Zaatari, Abbas T.

1985 A group theoretic partial enumeration algorithm for all-integer programming/ by Abbas T. Zaatari, 1985.

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1991 Expert system for forecasting/ by Ibrahim M. Al-Jabri, 1991.

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**I 95 Al-Jumaih, Khalid Abdulaziz**

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**H 366 Al-Heizan, Abdullah Hassan**

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**K 526 Al-Khaldi, Muhammad Abdul-Muhsen**

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Thesis (Ph.D.) - Oklahoma State University, 1991. - Bibliography: l. 451-479.

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**05599**

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**Y 1 Al-Yahya, Yahya A.**

1989 Confbase : user manual / by Yahya A. Al-Yahya, Abdul Rahman Al-Noor and Faisal Saleem.- Riyadh: Ministry of Communications, K.S.A., 1989.

105 p. in various pagings : ill., ports. ; 30 cm.

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1. Management information systems. I. Al-Noor, Abdul Rahman, j.a. II. Saleem, Faisal, j.a. III. Title

**05600**

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**S 21 Al-Sudairi, Turki M.**

1994 A strategic approach to developing Information systems in the Kingdom of Saudi Arabia/ Turki M. Al-Sudairi, 1994. xvii, 429 leaves ; 31 cm.

Thesis (Ph.D.) - University of London, 1994. - Bibliography: l. 410-429.

1. Management information systems - Saudi Arabia. 2. Information technology - Saudi Arabia. 3. Information resources management - Saudi Arabia. 4. الإدارة - نظم المعلومات. I. Title

**05601**

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**B 268 Baroum, Sami Mohsen**

1992 An exact solution procedure for maximizing the net present value of resource-constrained projects/ Sami Mohsen Baroum, 1992. 274 leaves ; 28 cm.

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1. Scheduling (Management). 2. Industrial project management. 3. Industrial management - Mathematical models. 4. إدارة المشروعات. I. Title

**05602**

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**B 85 Bu-Bushait, Khaled Ahmad**

1984 A descriptive examination of the relationships between the application of project management techniques and project characteristics/ by Khaled Ahmed Bu-Bushait, 1984.

xi, 171 leaves ; 28 cm.

Thesis (Ph.D.) - Georgia State University, 1984. - Also available microfiche no. 566. - Bibliography: l. 164-171.

1. Industrial project management.  
2. إدارة المشروعات. I. Title

**05603**

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**G 228 Al-Gattan, Abdul-Rahim A.**

1990 The Path-goal theory of leadership : an empirical and longitudinal analysis/ by Abdul-Rahim A. Al-Gattan. - Ann Arbor, Mich. : University Microfilms International, 1990.

xiv, 211 p. : ill. ; 21 cm.

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3. Management. 4. Management - Employee participation. 5. الرؤساء والمديرون. I. Title

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**G 228 Al-Gattan, Abdul-Rahim A.**

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3. Management. 4. Management - Employee participation. 5. الرؤساء والمديرون. I. Title

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**H 27 Hasanain, Ahmed**

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iii, 47 leaves ; 29 cm.

Thesis (M.B.A.) - University of La Verne, 1981. - Also available microfiche no. 1130. - Bibliography:

l. 46-47.

1. Leadership. 2. Executives. 3. Industrial management. 4. Corporations. 5. القيادة. I. Title

**05606**

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**S 96 Sawan, Suhail H.**

1982 The relationship between leadership behavior of the chief executive officer in the hospital and overall hospital performance/ by Suhail H. Sawan, Siham A. Blaihed, 1982.

xiii, 187 leaves ; 28 cm.

Thesis (Ph.D.) - Pepperdine University, 1982. - Also available microfiche no. 944. - Bibliography: l. 173-187.

1. Hospitals - Administration. 2. Executives - Hospitals. 3. Executors and administrators - Hospitals. 4. Chief executive officers - Succession. 5. المستشفيات - تنظيم. إدارة. I. Blaihed, Siham A., j.a. II. Title

**05607**

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**N 17 Naseer, Abdullah A.**

1983 Managerial attitudes and needs in developing countries : an empirical study of managerial views in the Kingdom of Saudi Arabia/ by Abdullah A. Naseer, 1983.

xii, 160 leaves ; 29 cm.

Thesis (Ph.D.) - Claremont Graduate School, 1983. - Also available microfiche no. 68. - Bibliography: l. 139-145.

1. Management - Saudi Arabia.  
2. Executives - Saudi Arabia - Attitudes.  
3. Personnel management. 4. إدارة الأعمال. I. Title

**05608**

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**G 341 Al-Ghamdi, Awad**

1983 The duties and responsibilities of business corporation directors and officers

in the Kingdom of Saudi Arabia and the United States : a comparison/ by Awad Al-Ghamdi, 1983.

134, viii, [8] leaves ; 28 cm.

Thesis (Ph.D.) - University of San Diego, 1983. - Also available microfiche no. 929. - Bibliography: I. vii-viii.

1. Directors of corporations - Saudi Arabia - Job descriptions. 2. Corporate governance - Saudi Arabia - Personnel management. 3. Executives - Saudi Arabia - Job descriptions. 4. Directors of corporations - United States - Job descriptions. 5. الرؤساء والمديرين - السعودية. I. Title

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S 61 Al-Shibli, Ghassan A.

1990 A study of the impact of using automated information systems on middle managers in large industrial organizations/ by Ghassan A. Alshibli, 1990.

ca. 250 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - George Washington University, 1990. - Bibliography at the end.

1. Middle managers - Information services. 2. Information storage and retrieval systems - Management. 3. Industrial management - Data processing. I. Title

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Y 26 Bin-Yaseen, Adel M.

1994 The physical settings and informal interaction in workplaces : the role of spatial structure in supporting informal communication in organisations/ Adel M. Ben-Yaseen, 1994.

vi, 468 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Strathclyde, 1994. - Bibliography: I. 458-468.

1. Communication in organizations. 2. Communication in management. I. Title

**05611**

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B 145 Baeshen, Nadia Mohammed Saleh

1987 The effect of organizational communication on the middle and lower-level manager's participation in the decision-making process in Saudi Arabia/ by Nadia Mohammed Saleh Baeshen.- Tucson, Ariz. : University of Arizona, 1987.

xi, 225 p. ; 28 cm.

Thesis (Ph.D.) - University of Arizona, 1987.

1. Communication in organizations - Saudi Arabia. 2. Communication in organizations. 3. إدارة الأعمال - السعودية. I. Title

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1981 OPEC Fund and Islamic Development Bank (12th: 1981: Vienna)

Selection of consultants : a quantitative approach [paper of the] 12th Coordination Meeting of Arab Funds and Islamic Development Bank held in Vienna, June 9-10, 1981/ Islamic Development Bank.- Jeddah : Islamic Development Bank, 1981. 19, 1 leaves ; 28 cm.

1. Business consultants - Congresses. 2. Investment advisors - Congresses. 3. Fund raising - Consultants - Congresses. 4. Islamic banks and banking - Congresses. I. Islamic Banks and banking, corp. II. Title

**05613**

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T 847 Al-Turki, Yousef A. Y.

1994 Flexible Kaban system : a thesis/ by Yousef A. Y. Al-Turki, 1994.

xvi, 370 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Northeastern University of Boston, Massachusetts. - Bibliography: I. 199-211.

1. Industrial engineering. 2. Production engineering. 3. Just-in-time systems. 4. Production management. I. Title

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A 24 Andijani, Abdulbasit A.

- 1992 Analysis of pull and push production systems/ by Abdulbasit A. Andijani, 1992. xvi, 146 leaves ; 29 cm. Thesis (Ph.D.) - Ohio State University, 1992. - Bibliography: l. 142-146. 1. Production management 2. Production engineering. 3. Just-in-time systems. 4. إدارة الإنتاج. I. Title

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H 213 Al-Harbi, Abdullah J.

- 1993 Manufacturing strategy priorities, manufacturing structure, and business performance : an empirical study investigating companies operating in Saudi Arabia/ by Abdulla J. Al-Harbi, 1993. xiii, 17 leaves ; 29 cm. Thesis (Ph.D.) - Southern Illinois University, 1993. - Also available microfiche no. 3232. - Bibliographies: l. 110-115. 1. Production management - Saudi Arabia. 2. Industrial management - Saudi Arabia. 3. السعودية - إدارة الإنتاج. I. Title

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Y 1 Yaghmour, Mohamed-Ahmad Kazem

- 1985 An empirical study and statistical analysis of manufacturing variables which influence overall strategic performance/ by Mohamed-Ahmed Kazem Yaghmour, 1985. xii, 171 leaves ; 28 cm. Thesis (Ph.D.) - The Pennsylvania State University, 1985. - Also available microfiche no. 460. - Bibliography: l. 156-62. 1. Strategic planning - Statistical methods. 2. Production management - Statistical methods. 3. Manufactures. 4. Production planning. 5. إدارة الانتاج. I. Title

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N 145 Najmeddin, Tajeddin Amin

- 1975 Utilization of decision making tools in small manufacturing firms in the state of Colorado/ by Tajeddin Amin Najmeddin, 1975. xv, 249 leaves : ill. ; 29 cm. Thesis (Ph.D.) - University of Northern Colorado, 1975. - Bibliography: l. 235-249. - Also available microfiche no. 728. 1. Production management - Decision making. 2. Industrial management - Decision making. 3. إدارة الإنتاج. I. Title

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K 527 Khatravi, Mohamed Ibn Faraj

- 1975 A diversification strategy for the Saudi Arabian economy/ by Mohamed Ibn Faraj Khatravi, 1975. xii, 275 leaves ; 29 cm. Thesis (Ph.D.) - Georgetown University, 1975. - Also available microfiche no. 593. - Bibliography: l. 270-275. 1. Diversification in industry - Saudi Arabia. 2. Input-output analysis - Saudi Arabia. 3. السعودية - التصنيع. I. Title

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Y 14 Al-Yamani, Mohammed Yahya

- 1991 The behavior of administrators in Saudi industries : a Parkinson's law case/ by Mohammed Yahya Al-Yamani, 1991. ix, 147 leaves ; 28 cm. Thesis (Ph.D.) - University of Colorado, 1991. - Bibliography: l. 126-132. 1. Industrial management - Saudi Arabia. 2. Industrial organization - Saudi Arabia. 3. السعودية - الصناعة. I. Title

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M 88 Al-Mubarak, Fahad Abdullah A.

- 1991 Focused cellular manufacturing : an alternative approach to group technology/ by Fahad Abdullah A. Almubarak, 1991.

- xiii, 194 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Houston, 1991. - Bibliography: l. 170-180.  
1. Production management. 2. Group technology. 3. Industrial management. 4. Production planning. 5. إدارة الإنتاج. I. Title  
**05621**
- 658.514  
**H 225 Al-Harkan, Ibrahim**  
1992 Flow shop flexible manufacturing system scheduling with a fixed cycle time/ by Ibrahim Al-Harkan, 1992.  
vii, 124 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Oklahoma, 1992. - Bibliography: l. 66-71.  
1. Flexible manufacturing systems. 2. Production engineering. 3. Production management - Data processing. 4. هندسة الإنتاج. I. Title  
**05622**
- 658.5140973  
**A 36 Ashry, Najah Youssef**  
1990 Description of group technology practices in the United States/ by Najah Youssef Ashry, 1990.  
iii, 34 leaves ; 28 cm.  
Thesis (M.B.A.) - Seattle University, 1990. - Bibliography: l. 33-34.  
1. Group technology. 2. Production management - United States. 3. Industrial management - United States. 4. إدارة الإنتاج. I. Title  
**05623**
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**A 97 Alyami, Moshabab Rashid**  
1993 Investigation into implementation of total quality management at Northern States Power Company and Luther Hospital/ by Moshabab Rashid Alyami, 1993.  
x, 105 leaves ; 28 cm.  
Thesis (M.Sc.) - University of Wisconsin-Stout, 1993. - Also available microfiche no. 3323. - Bibliography: l. 81-84.  
1. Quality control. 2. Northern State Company - Quality control. 3. Luther Hospital - Quality control. 4. Industrial engineering. 5. Reliability (Engineering). 6. ضبط الجودة. I. Title  
**05624**
- 658.562015195  
**N 145 Al-Najjar, Hazem Jawad Sadeg**  
1993 A complete inspection plan for critical components/ by Hazem Jawad Sadeg Al-Najjar, 1993.  
xii, 138 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 101-103.  
1. Quality control - Statistical methods. 2. Engineering inspection. 3. ضبط الجودة. I. Title  
**05625**
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**D 749 Al-Doussary, Ghanem H.**  
1994 ISO 9000 : registration of three companies in Saudi Arabia by BSI-QA and Saudi Arabian Standards Org. and beyond .../ by Ghanem al-Doussary, 1994.  
xi, 94 leaves : ill. ; 30 cm.  
Thesis (M.Sc.) - University of Stirling, 1994. - Bibliography: l. 60-61.  
1. Standardization - Saudi Arabia. 2. Quality control - Saudi Arabia. 3. Saudi Arabian Standards Organization. 4. Management - Quality control. 5. الهيئة العربية السعودية للمواصفات والمقاييس. I. Title  
**05626**
- 658.5620973  
**K 526 Al-Khalaf, Abdullah M.**  
1994 Factors that affect the success and failure of TQM implementation in small U.S. cities/ Abdullah M. Al-Khalaf, 1994.  
xxiii, 394 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Pittsburgh, 1994. - Bibliography: l. 344-394.  
1. Total quality management - United States. 2. Organizational effectiveness. 3. Industrial safety. 4. Employee motivation. I. Title  
**05627**

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R 949 Al-Rwaili, Abdulrahman

1988 Purchasing and materials management/ Abdulrahman Alrwaili, 1988.  
51 leaves ; 28 cm.

A research work for MGT 579,  
ENMU, 1988. - Bibliography: l. 49-51.

1. Materials management. 2. Purchasing.  
I. Title

**05628**

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Id 3 Al-Idi, Abdulaziz Sulaiman

1985 A Stochastic dynamic mixed-integer  
linear programming distribution model/  
Abdulaziz S. Alidi, 1985.

xii, 183 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Tulane University,  
1985. - Bibliography: l. 59-61.

1. Intermediate goods - Transportation  
- Linear programming. 2. Intermediate goods  
- Transportation - Mathematical models.  
3. Materials - Transportation. 4. Materials  
management. I. Title

**05629**

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R 183 Rasheed, Mohammed Ali

1976 NAB : an analitical review of programs  
and marketing/ by Mohammed Ali Rasheed,  
1976.

vii, 82 leaves : ill. ; 29 cm.

Thesis (M.A.) - Colorado State  
University, 1976. - Also available microfiche  
no. 1102. - Bibliography: l. 73.

1. National Alliance of Businessmen  
(NAB). 2. Marketing. 3. Corporations,  
Nonprofit - Marketing. 4. التسويق. I. Title

**05630**

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S 13 Al-Sabban, Tariq S.

1989 Sales management system/ by Tariq  
S. Al-Sabban, 1989.

167 leaves ; 28 cm.

Thesis (M.A.) - Sangmon State  
University, 1989. - Bibliography: l. 21.

1. Sales management - Data processing.

2. Marketing - Data processing. 3. ادارة التسويق.  
I. Title

**05631**

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S 93 Al-Shuridah, Obaid

1994 Sales forecasting practices in Saudi  
Arabian firms : a comparison with the  
United States firms/ by Obaid Al-  
Shuridah, 1994.

ii, 50 leaves ; 29 cm.

Thesis (M.B.A.) - Colorado State  
University, 1994. - Also available microfiche  
no. 3506. - Bibliography: l. 49-50.

1. Sales forecasting - Comparative  
studies. 2. Business enterprises - Saudi  
Arabia. 3. Business enterprises - United  
States. 4. ادارة الاعمال - السعودية. I. Title

**05632**

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A 32 Al-Asban, Aref A.

1995 International brand-name standardiza-  
tion/ adaptation : antecedents and  
consequences/ Aref A. Alashban, 1995.  
v, 90 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Houston,  
1995. - Also available microfiche no. 3706. -  
Bibliography: l. 82-90.

1. Brand name products - Standards.  
2. Interbrand (Firm). 3. Business names -  
Standards. 4. Product management.  
5. الاسماء التجارية. I. Title

**05633**

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D 749 Al-Dousary, Ibrahim Salih

1987 Shopping destination choice : a case  
study of Riyadh, Saudi Arabia/ by Ibrahim  
Salih Al-Dousary, 1987.

x, 158 leaves ; 29 cm.

Thesis (Ph.D.) - University of Cincinnati,  
1987. - Also available microfiche no. 676. -  
Bibliography: l. 142-150.

1. Consumer behavior Riyadh. 2. Consumers  
- Riyadh. 3. Attitudes. 4. Consumer  
behavior - Saudi Arabia. 5. المستهلك. I. Title

**05634**

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K 528 Khizindar, Tariq Mohammed

- 1992 The influence of perceived risk on the choice of food outlet : a study of the effect of perceived risk on the choice of the type of grocery stores in the city of Jeddah, Saudi Arabia/ by Tariq Mohammed Khizindar, 1992.

267, [80] leaves : ill. ; 31 cm.

Thesis (Ph.D.) - Lancaster University,

1992. - Includes bibliographical references.

- 1.Consumer behavior - Jeddah.
- 2.Consumer's preferences - Jeddah.
- 3.Marketing (Home economics) - Jeddah.
- 4.ترشيح الاستهلاك - السعودية. I. Title

05635

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G 346 Al-Ghson, N. A.

- 1983 The characteristics of goods : Lancaster's approach/ N.A. Al-Ghson, 1983.

130 leaves ; 31 cm.

Thesis (M. Sc.) - University of Manchester, 1983. - Bibliography: l. 127-130.

1. Consumers preferences. 2. Consumers - Attitudes. I. Title

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M 97 Al-Musallami, Ahmad Ismail

- 1992 Owners satisfaction with consultancy practices in Saudi Arabia/ by Ahmad Ismail Al-musallami, 1992.

vii, 116 leaves ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 115-116.

1. Marketing research - Saudi Arabia.
2. Marketing consultants - Saudi Arabia.
3. Business consultants - Saudi Arabia.
- 4.التسويق - السعودية. I. Title

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H 114 Habib, Ghazi Mahmoud

- 1984 Conflict measurement in the distribution channel of joint ventures : an

empirical investigation/ by Ghazi Mahmoud Habib, 1984.

v, 208 leaves ; 28 cm.

Thesis (Ph.D.) - Texas Tech University, 1984. - Also available microfiche no. 540. - Bibliography: l. 172-184.

1. Joint ventures. 2. International business enterprises. 3. للشروعات للشركة. I. Title

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M 856 Al-Motawa, Ahmed Abdullah A.

- 1989 An empirical investigation of power and control relations in a distribution channel in a developing country : the case study of Saudi Arabia/ by Ahmed Abdullah A. Al-Motawa, 1989.

x, 173 leaves ; 28 cm.

Thesis (Ph.D.) - University of Alabama, 1989. - Also available microfiche no. 2610. - Bibliography: l. 167-173.

1. Marketing channels - Developing countries. 2. Marketing channels - Saudi Arabia. 3. التسويق - السعودية. I. Title

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H 182 Al-Hammad, Abdulrahman A.

- 1988 A study of the Saudi Arabian market for selected imported manufactured goods : an economic, cultural and attitudinal analysis/ with particular reference to UK suppliers/ by Abdulrahman A. Al-Hammad. - Boston spa : British Library, Document Supply Centre, 1988.

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Thesis (Ph.D.) - University of Bradford, 1988. Photo reproduction of the original thesis by the British Library Document Supply Centre. - Bibliography: l.B.1-B.16.

1. Marketing research - Saudi Arabia.
2. Marketing - Saudi Arabia. 3. Export marketing - Research - Britain. 4. Export marketing - Research - Saudi Arabia.
- 5.التسويق - بحوث - السعودية. I. Title II. Series

05640



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M 973 Al-Mushayat, Omar.

1993 Systems analysis and design for AlCastle Supermarket/ by Omar Al-Mushayat, 1993.

iv, 257 leaves : ill. ; 28 cm.

Thesis (M.A.) - Sangamon State University, 1993. - Bibliography: l. 257.

1. Supermarkets - Data processing.
2. System analysis. 3. System design.
4. معالجة البيانات - الاسواق المركزية - I. Title

05641

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T 847 Al-Turki, Abdulaziz Mohamed I.

1978 Forecasting model for cement demand in Saudi Arabia/ by Abdulaziz Mohamed I. Al-Turki, 1978.

xiv, 170 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1978. - Also available microfiche no. 132. - Bibliography: l. 167-170.

1. Cement - Saudi Arabia - Forecasting.
2. Cement - Saudi Arabia - Management.
3. الاسمنت - السعودية. I. Title

05642

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A 81 El-Ansary, A. Osama Tawfik

1974 The demand and supply for managerial skills by Saudi Arabia under agreements of ownership participation in oil companies concessioned in its territory/ by A.Osama Tawfik El-Ansary.- Ann Arbor, Mich : University Microfilms International, 1974.

xi, 220 leaves : ill. ; 22 cm.

Thesis (Ph.D.) - The American University, 1974. - Also available microfiche no. 643 - Bibliography: l. 208-13.

1. Petroleum industry and trade - Saudi Arabia - Management.
2. Management - Saudi Arabia - Technique.
3. Oil industries - Saudi Arabia - Management.
4. Executive agreements - Saudi Arabia.
5. صناعة البترول - السعودية. I. Title

05643

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Y 92 Al-Yusuf, Ahmed Abdullah Sanad

1989 Commercial advertising in Saudi Arabia : a content analysis/ By Ahmed Al-Yusuf, 1989.

x, 128 leaves : ill. ; 28 cm.

Thesis (M.A.) - Florida State University, 1989 - Bibliography: l. 102-106.

1. Advertising agencies - Saudi Arabia.
2. الاعلانات التجارية - السعودية. I. Title

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K 527 Khattab, Fadwa Ezzat

1995 A linguistic analysis of the register of press advertising in Arabic/ Fadwa Ezzat Khattab, 1416 H, 1995.

x, 157 leaves ; 30 cm.

Thesis (M.A.) - King Abdulaziz University, 1995. - Bibliography: l. 154-156.

1. Advertising, Newspaper - Language.
2. Advertising, Magazine - Language.
3. Linguistic analysis (Linguistics). I. Title

05645

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Y 92 Al-Yusuf, Ahmed Abdullah

1994 Attitudes and perceptions about television advertisement among women in Saudi Arabia/ Ahmed A. Al-Yusuf, 1994.

xiv, 157 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Florida State University, 1994. - Bibliography: l. 147-156.

1. Television advertising - Saudi Arabia.
2. Women - Saudi Arabia - Attitudes.
3. Women in advertising. I. Title

05646

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F 222 Al-Fardi, Abdullah A.A.

1989 The development of commercial advertising in Saudi television from 1986-1988/ by Abdullah A.A. Al-Fardi, 1989.

vi, 72 leaves ; 29 cm.

Thesis (M.A.) - University of North Texas, 1989. - Also available microfiche no. 2516. - Bibliography: 1. 70-72.

1. Advertising- Saudi Arabia. 2. Television advertising - Saudi Arabia. 3. - الإعلانات التلفزيونية السعودية. I. Title

**05647**

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**K 528 Al-Kheraiji, Fahad Abdulaziz**

1992 The Culture of television advertising : an historical and empirical analysis of the content of television commercials and of the Saudi viewers responses to advertising/ by Fahad Abdulaziz Al-Kheraiji, 1992.

351 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Leicester, 1992. - Bibliography: 1. 309-330.

1. Television advertising - Social aspects - Saudi Arabia. 2. Television viewers - Social aspects - Saudi Arabia. 3. Television broadcasting - Social aspects - Saudi Arabia. 4. السعودية - الإعلانات التلفزيونية. I. Title

**05648**

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**H 27 Hasan, Abdulrahman, Abdulmohsen**

1981 Reported reaction to and effect of U.S. television product and services advertising upon Saudi Arabian students in California/ by Abdulrahman Abdulmohsen Hasan, 1981.

vii, 75 leaves ; 28 cm.

Thesis (M.A.) - Humboldt State University, 1981. - Also available microfiche no. 1094. - Bibliography: 1. 50-51.

1. Television advertising - United States. 2. Saudi Arabian students - Television advertising. 3. - طلاب الجامعات السعودية. I. Title

**05649**

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**N 13 Nafeesi, Sulaiman**

1986 Advertising in Saudi Arabia/ by Sulaiman Nafeesi, 1986.

iv, 187 p. : ill. ; 27 cm.

Thesis (M.A.) - California State University, 1986.

1. Advertising - Saudi Arabia. I. Title

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**A 18 Al-Anazi, Ali**

1993 Public relations role models in the Kingdom of Saudi Arabia/ by Ali Alanazi, 1993.

xi, 248 leaves ; 29 cm.

Thesis (Ph.D.) - Ohio University, 1993. - Also available microfiche no. 3408. - Bibliography: 1. 210-213.

1. Public relations - Saudi Arabia. 2. Advertising - Saudi Arabia. 3. Public opinion - Saudi Arabia. 4. السعودية - الإعلان. I. Title

**05651**

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**H 339 Al-Hazmi, Mubarak Wasel**

1990 The development of public relations in Saudi Arabia : a survey/ by Mubarak Wasel Al-Hazmi, 1990.

xvi, 257 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Wayne State University, Detroit, 1990. - Also available microfiche no. 580. - Bibliography: 1. 246-254.

1. Public relations - Corporations - Saudi Arabia. 2. Advertising - Saudi Arabia. 3. Advertising media planning - Saudi Arabia. 4. السعودية - الإعلان. I. Title

**05652**

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**A 41 Ali, Emadadeen**

1995 Optimization-based tuning strategies for linear and non-linear model predictive controllers/ by Emadadeen Ali, 1995.

xv, 164 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Maryland, 1995. - Bibliography: 1. 158-164.

1. Chemical engineering - Mathematical models. 2. Chemical engineering - Simulation methods. 3. Mathematical optimization. 4. Algorithms. I. Title

**05653**

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J 388 **Jefri, Mohammad Amin**

1983 Translation of two contacting spheres in a viscoelastic fluid/ by Mohammad Amin Jefri, 1983.

xiv, 124 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Michigan State University, 1983. - Also available microfiche no. 443. - Bibliography: l. 122-124.

1. Viscoelastic materials. 2. Viscosity. 3. Chemical engineering. 4. الفيزياء. I. Title

**05654**

660.042

H 213 **Al-Harbi, Dulaihan Khulajwi**

1975 Vapor-liquid contacting efficiency cocurrent flow under reduced pressure/ by Dulaihan K. Al-Harbi, 1975.

vii, 68 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Pennsylvania State University, 1975. - Also available microfiche no. 1154. - Bibliography: l. 68-69.

1. Liquids - Effect of reduced gravity on. 2. Liquids - Thermal properties. 3. Vapor-liquid equilibrium. 4. الفيزياء. I. Title

**05655**

660.043

A 19 **Abba, AlHaji Ibrahim**

1995 Modeling of multicomponent gas-solid reactions/ by AlHaji Ibrahim Abba, 1995.

xv, 170 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 140-151.

1. Gas - Reactivity. 2. Chemical engineering. 3. Chemical reactions. 4. Gas engineering. I. Title

**05656**

660.0687

B 268 **Baroum, Sami Mohsen**

1986 Logistics in the chemical industry/ Sami Mohsen Baroum, 1986.

i, 70 leaves : ill. ; 28 cm.

Thesis (M.B.A.) - University of Pennsylvania, 1986. - Includes bibliographical references.

1. Chemical industry - Management. I. Title

**05657**

660.2815

A 41 **Ali, Emadadeen M.K.**

1989 Adaptive control for a fluidized sandbath reactor/ by Emadadeen M. K. Ali, 1989.

xiii, 108 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Pittsburgh, 1989. - Also available microfiche no. 2554. - Bibliography: l. 107-08.

1. Chemical processes - Automatic control. 2. Fluidization. 3. Chemical engineering - Equipment and supplies - Automatic control. 4. Chemical plants - Equipment and supplies - Automatic control. I. Title

**05658**

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C 393 **Chaudhry, Muhammad Arshad Saeed**

1995 Analysis of packed bed biofilm reactor under single and multiple substrate utilization/ by Muhammad Arshad Saeed Chaudhry, 1995.

xxii, 207 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Includes bibliographical references.

1. Chemical reactors - Design and construction. 2. Bioreactors. 3. Biofilms. I. Title

**05659**

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Ib 7 **Ibrahim, Ahmed Aidid**

1993 Separation process for the recovery of desalted water and chemical products from indigenous saline water resources/ by Ahmed Aidid Ibrahim, 1993.

xxiv, 375 leaves : ill. ; 29 cm.

- Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: 1. 265-288.
1. Separation (Technology). 2. Saline water conversion - Distillation process.
  3. Chemical engineering. 4. المواد المعلقة. I. Title
- 05660**
- 660.2842  
S 51 Somait, Fahad A.  
1972 Modal analysis and control of a distillation column/ by Fahad A. Somait, 1972.  
viii, 94 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of California, 1972. - Also available microfiche no. 1153. - Bibliography: 1. 94.  
1 Modal analysis. 2. Chemical processes.  
3. الكيمياء الصناعية. I. Title
- 05661**
- 660.28423  
H 88 Abul-Humayel, Mohammed A.  
1973 Gas absorption in developing film flow/ by Mohammad A. Abul-Humayel, 1973.  
vii, 100 leaves ; 29 cm.  
Thesis (M.Sc.) - University of California, Santa Barbara, 1973. - Also available microfiche no. 1771. - Bibliography: 1. 99-100.  
1. Gases - Absorption and adsorption.  
2. Diffusion. 3. Mass transfer. 4. Gases - Analysis. 5. الانصصاص (كيمياء). I. Title
- 05662**
- 660.28423  
B 146 Al-Baghli, Nadhir Abbas  
1994 Adsorption of light gases and their mixtures on SR-115 and ETS-10 zeolites/ by Nadhir Abbas Al-Baghli, 1994.  
xxvi, 299 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Includes bibliographical references.  
1. Gases - Absorption and adsorption.  
2. Zeolites - Absorption and adsorption.  
3. Gas chromatography. 4. الغازات. I. Title
- 05663**
- 660.28423  
H 113 Al-Habdan, Fahad M.  
1979 Mass transfer through porous media/ by Fahad M. Alhabdan, 1979.  
ii, 73 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of California, 1979. - Also available microfiche no. 1685. - Bibliography: 1. 55.  
1. Mass transfer. 2. Porous materials.  
3. المسكبة. I. Title
- 05664**
- 660.28423  
B 545 Biswas, Mohammad Elias  
1995 Optimization of continuous counter current adsorption systems/ by Mohammad Elias Biswas, 1995  
xvi, 173 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Includes bibliographical references.  
1. Adsorption. I. Title
- 05665**
- 660.28423  
F 179 Fakeeha, Anis Hamza  
1986 Mass transfer correlation for NADH in turbulent flow at high Schmidt numbers using the limiting current technique/ by Anis Hamza Fakeeha, 1986.  
xv, 212 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Oklahoma, 1986. - Also available microfiche no. 204. - Bibliography: 1. 164-170.  
1. Heat-transfer media. 2. Mass transfer. 3. Chemical engineering. 4. المسكبة. I. Title
- 05666**
- 660.28423  
F 268 Fatehi, Ashraf Husein Ismail  
1992 Binary separations by pressure swing adsorption processes/ by Ashraf Husein Ismail Fatehi, 1992.  
xx, 346 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1992. - Includes bibliographical references.

1. Separation (Technology). 2. Chemistry, Technical. 3. Adsorption. 4. الامتزاز (كيمياء). I. Title

**05667**

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J 223 Jamal, Aqil

1992 Steady state multiplicity in gas-liquid CSTRs/ by Aqil Jamal, 1992.

xviii, 332 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: 1. 256-272.

1. Chemical engineering. 2. Chemistry, Technical. 3. Gas powerplants. 4. Mass transfer. 5. Gas chromatography. 6. المصفاة الكيميائية. I. Title

**05668**

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N 163 Naqvi, Mohammed Salman Mahmoud

1995 Modeling of hydrodynamics and mass transfer in concurrent packed columns/ by Mohammad Salman Mahmoud Naqvi, 1995.

xx, 194 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: 1. 181-189.

1. Mass transfer. 2. Hydrodynamics. 3. Columns. 4. Two-phase flow. I. Title

**05669**

660.28423

Os 1 Osagie, Ekhatior Emmanuel

1995 Modeling of adsorption-reaction phenomena on activated carbon/ by Ekhatior Emmanuel Osagie, 1995.

x, 195 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Includes bibliographies.

1. Adsorption. 2. Mass transfer. 3. Gases. I. Title

**05670**

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S 17 Shamsur Rahman, A. K. M., (1964--)

1992 Numerical simulation of continuous countercurrent adsorption systems/ by A.K.M. Shamsur Rahman, 1992.

xv, 178 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals - Includes bibliographical references.

1. Adsorption. 2. Adsorption - Simulation methods. 3. Chemical engineering. 4. الامتزاز (كيمياء). I. Title

**05671**

660.28423

S 42 Sheikh, Mohammad Arshad

1995 Bulk separation of binary gas mixtures by pressure swing adsorption/ by Mohammad Arshad Sheikh, 1995.

xiii, 211 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Includes bibliographical references.

1. Gases - Absorption and adsorption. 2. Gases - Separation. I. Title

**05672**

660.28424

H 88 Al-Humaizi, Khalid

1994 Dynamics of an autocatalytic reaction in a membrane reactor/ by Khalid Alhumaizi, 1994.

xv, 310 leaves ; 28 cm.

Thesis (Ph.D.) - University of Minnesota, 1994. - Bibliography: 1. 304-310.

1. Membrane reactors. 2. Membranes (Technology). 3. Catalysts. I. Title

**05673**

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H 964 Al-Husseini, Abdulmalik Abdullah

1994 Heat and mass transfer in falling film evaporation of viscous liquids/ Abdulmalik A. Alhusseini, 1994.

x, 192 leaves : ill. ; 29 cm.

- Thesis (Ph.D.) - Lehigh University, 1994. - Bibliography: l. 129-133.
1. Evaporation. 2. Film boiling.
  3. Heat-transfer media. 4. Chemical engineering. 5. Drying. I. Title
- 05674**
- 660.28426  
J 28 Jarbou, Abdulaziz S.  
1976 Energy reclamation in aggregate drying systems/ by Abdulaziz S. Jarbou, 1976.  
ix, 128 [20] leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - 1976. - Also available microfiche no. 157. - Bibliography: l. 84-85.  
1. Drying. 2. Evaporation. 3. Heat - Transmission. 4. Chemical engineering. 5. التبخير. I. Title
- 05675**
- 660.28427  
H 172 Abul-Hamayel, Mohammad A.  
1979 Heat transfer in helically coiled tubes with laminar flow/ by Mohammad A. Abul-Hamayel, 1979.  
xii, 181 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Oklahoma State University, 1979. - Also available microfiche no. 755. - Bibliography: l. 81-84.  
1. Heat - Transmission. 2. Chemical engineering. 3. Heat engineering. 4. الهندسة الحرارية. I. Title
- 05676**
- 660.28427  
M 289 Makkawi, Yassir T.  
1995 Investigation of heat transfer in a rectangular packed duct with constant heat flux and asymmetrical wall temperatures/ by Yassir T. Makkawi, 1995.  
xv, 167 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals. - Bibliography: l. 145-150.  
1. Heat - Transmission. 2. Heat engineering. 3. Chemical engineering. I. Title
- 05677**
- 660.284292  
M 729 Al-Mojil, Saad Ibrahim  
1975 Phase separation rates part I. fluidized-bed density behavior part II. power consumption in gas - liquid agitation/ by Saad Ibrahim Al-Mojil, 1975.  
iii, 69 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - University of California, Berkeley, 1975. - Also available microfiche no. 1698. - Bibliography: l. 69.  
1. Fluidization. 2. السوائل. I. Title
- 05678**
- 660.284292  
Z 13 Al-Zahrani, Abdulrahman  
1989 Modeling and control studies of a magnetically-staged fluidized bed/ by Abdulrahman Al-Zahrani, 1989.  
2 v. (396 leaves) : ill. ; 29 cm.  
Thesis (Ph.D.) - Oregon State University, 1989. - Bibliography: l. 326-334. - Also available microfiche no. 2466.  
1. Fluidized-bed combustion. 2. Momentum transfer. 3. الهندسة الكيميائية. I. Title
- 05679**
- 660.284292  
B 321 Batran, Saud Hasan  
1992 Modeling of fluidized-bed reactors : generalization of the werther model/ by Saud Hasan Batran, 1992.  
xv, 128 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 111-115.  
1. Fluidized-bed combustion. 2. Momentum transfer. 3. الهندسة الكيميائية. I. Title
- 05680**
- 660.284292  
F 268 Fatani, Abdulhadi Ahmed  
1983 An analytical model of radiative and convective heat transfer in small and large particle gas fluidized beds/ by Abdulhadi Ahmed Fatani, 1983.  
135 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Oregon State University,  
1983. - Also available microfiche no. 60. -  
Bibliography: l. 93-98.

1. Heat - Transmission. 2. Heat -  
Radiation and absorption. 3. Fluidized-bed  
furnace. 4. انتقال الحرارة - I. Title

**05681**

660.284298

**M 261 Madani, Anas Amin**

1985 The performance of a continuous recycle  
ice crystallizer/ Anas Amin Madani, 1985.  
x, 174 leaves ; 28 cm.

Thesis (Ph.D.) - Cornell University,  
1985. - Bibliography: l. 170-174.

1. Ice crystals. 2. Crystallization. I.  
Title

**05682**

660.28443

**S 32 Saleh, Yahia Assied Abubakeur**

1990 Steady-state and periodic operation  
studies of the partial oxidation of  
propylene/ Yahia Assied Abubakeur  
Saleh, 1990.

v. : ill. ; 29 cm.

Thesis (Ph.D.) - University of  
Waterloo, 1990. - Library has volume one.  
- Includes bibliographical references.

1. Propylene oxide industry. 2. Chemical  
engineering. 3. Propylene oxide. I. Title

**05683**

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**Z 29 Al-Zeghayer, Yousef S. Z.**

1985 Experimental development of a novel  
tubular polymerisation reactor/ Yousef  
S.Z. Al-Zeghayer, 1985.

ii, 94 leaves ; 30 cm.

Thesis (M.Sc.) - Victoria University of  
Manchester, 1985. - Bibliography: l. 89-91.

1. Polymerization. 2. Chemical reactions.  
I. Title

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**W 149 Wali, Mahmoud M. N.**

1986 Optimum separation of strongly non-  
ideal fermentation products/ Mahmoud  
M.N. Wali, 1986.

xvix, 235 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Colorado State  
University, 1986. - Bibliography: l. 197-201.

1. Fermentation. 2. Distillation.  
3. Separation (Technology). 4. Azeotropes. I.  
Title

**05685**

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**D 238 Daous, Muhammed A.**

1983 Measuring and modeling solids  
movement in a large, cold fluidized-bed  
test facility/ by Muhammad A. Daous,  
1983.

186 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Oregon State University,  
1983. - Also available microfiche no. 764. -  
Bibliography: l. 139-142.

1. Chemical engineering. 2. Fluidization.  
3. Fluidized-bed combustion. 4. اسرول. I. Title

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660.29

**In 8 International Conference on Chemistry  
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Bahrain)**

Proceedings Second International  
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October 24-26, 1994, Manama, Bahrain/  
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Chemical Sciences Chapter of American  
Chemical Society and Bahrain Society of  
Chemists.- Manama, Bahrain : Bahrain  
Society of Chemists, 1994.

v. : ill. ; 28 cm.

Includes bibliographical references.

1. Chemical engineering. 2. Chemistry,  
Technical. I. Saudi Arabian International  
Chemical Sciences Chapter of the American  
Chemical Society, corp. II. Bahrain Society  
of Chemists, corp. III. Title

**05687**

660.293

**A 14 Asar, Hamza Kheder**

1980 Influence of interfacial tension on gas-oil  
relative permeability in a gas-condensate  
system/ by Hamza Kheder Asar, 1980

- xii, 173 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of Southern California, 1980. - Bibliography: l. 121-123. - Also available microfiche no. 386.  
1.Capillarity. 2.Permeability. 3.Surface chemistry. 4. Oil gasification. 5.Petroleum engineering. 6. هندسة البترول. I. Title
- 05688**
- 660.294514  
J 315 Al-Jassir, Mohammed S. H.  
1983 A study of the correlation between surface tension and foamability of hydrocolloid solutions/ by Mohammed S. Al-Jassir, 1983.  
x, 85 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Rhode Island, 1983. - Bibliography: l. 84-85.  
1. Foam. 2. Surface tension. 3. Colloids. 4. الرغوة. I. Title
- 05689**
- 660.296  
S 14 Shaikh, Abdulla Abed  
1983 Studies in the steady-state behavior of gas-liquid reactors/ by Abdulla Abed Shaikh, 1983.  
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Thesis (Ph.D.) - University of Notre Dame, 1983. - Also available microfiche no. 168. - Bibliography: l. 168-172.  
1.Reactor fuel reprocessing. 2.Fluidized reactors. 3.Nuclear reactors. 4. التفاعلات النووية. I. Title
- 05690**
- 660.297  
W 823 Al-Wohaibi, Mohammed Abdulaziz  
1992 Determination of delaminated area of coated steel using electrochemical impedance spectroscopy/ by Mohammed Abdulaziz Al-Wohaibi, 1992.  
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Thesis (M.Sc.) - Texas A&M University, 1992. - Also available microfiche no. 3168.  
1.Chemical engineering. 2. Metal coating. 3. Coatings. 4. الهندسة الكيميائية. I. Title
- 05691**

- 660.29724  
C 33 Celiker, Huseyin  
1990 Effects of carbon monoxide, carbon dioxide and nitrogen on the electrokinetics of gas diffusion electrodes in hydrogen - oxygen alkaline fuel cell/ by Huseyin Celiker, 1990.  
xxxii, 456 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - King Fahd University of Petroleum and Minerals, 1990. - Bibliography: l. 20.  
1. Fuel cell industry. 2. Electrodes, Carbon. 3.Electrodes, Oxygen. 4.Electrokinetics. 5. الهندسة الكهيمائية. I. Title
- 05692**
- 660.29724  
K 527 Khan, Khan Abbas A.  
1993 Steady state experimental evaluation of a novel raney-Ni/PTFE gas diffusion electrode in an alkaline fuel cell/ by Khan Abbas A. Khan, 1993.  
ix, 124 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 106-10.  
1. Electrodes, Alkali metal. 2. Alkaline earth metals. 3. القلويات. I. Title
- 05693**
- 660.29724  
S 28 Sairafi, Abdulbasit Salem  
1993 Electro-cementation of silver using a fluidised bed/ by Abdulbasit Salem Sairafi, 1993.  
vii, 166 leaves : ill. ; 31 cm.  
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1.Electrodes. 2.Electroplating chemicals. 3. Electrochemistry, Industrial. 4. الهندسة الكهيمائية. I. Title
- 05694**
- 660.29724  
S 32 Saleem-ur-Rahman  
1995 Development of Raney-Ni gas diffusion electrodes for fuel-cells/ by Saleem-ur-Rahman, 1995.



xix, 316 leaves : ill. ; 29 cm.  
Thesis (P.D.) - King Fahd University  
of Petroleum and Minerals, 1995. -  
Includes bibliographical references.

1. Fuel cells - Electrodes. 2. Electrodes. I.

Title

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Ub 1 Al-Ubaid, Abdulrahman Saleh

1984 Methane steam reforming activity,  
stability and characterization of nickel  
supported catalysts/ by Abdulrhman Saleh  
Al-Ubaid, 1984.

x, 265 leaves : ill., tables ; 28 cm.

Thesis (Ph.D.) - University of Notre  
Dame, 1984. - Also available microfiche  
no. 69. - Bibliography: I. 260-265.

1. Hydrocarbons - Biodegradation.
2. Methane. 3. Nickel catalysts. 4. Chemical  
engineering. 5. الفيزياء. I. Title

**05696**

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C 459 Chowdhury, Mohammad Hassan Murad

1995 Modeling of a nonisothermal tubular  
reactor packed with immobilized enzyme  
systems / by Mohammad Hassan Murad  
Chowdhury, 1995.

xviii, 229 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University  
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Bibliography: I. 127-128.

1. Chemical reactors - Mathematical  
models. 2. Catalysis - Mathematical  
models. 3. Chemical reactors - Design and  
construction. 4. Immobilized enzymes  
industry. 5. Bioreactors. I. Title

**05697**

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A 29 Asghar, Atif Hussain

1993 Effect of glucose-6-phosphate  
dehydrogenase level on bactericidal  
activity of polymorphonuclear neutrophils/  
by Atif Hussain Asghar, 1993.

viii, 81 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - Arabian Gulf  
University, 1993. - Includes title and abstract  
in Arabic language. - Bibliography: I. 72-81.

1. Neutrophils. 2. Biotechnology.
3. Glucose- 6-phosphate dehydrogenase.
4. التكنولوجيا الحيوية. I. Title

**05698**

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N 213 The National Seminar on Genetic Engi-  
neering and Biotechnology, (1978:  
Riyadh)

Genetic engineering biotechnology =  
المهندسة الوراثية والتقنية الحيوية : البحوث والدراسات  
sponsored by King Abdulaziz City for Science  
and Technology and United Nations Industrial  
Development Organization.- Riyadh : King  
Abdul Aziz City for Science and  
Technology, 1989.

173 p. ; 28 cm.- ( General Directorate  
of Research Grants. King Abdul Aziz city  
for Science and Technology ; no. 28).

1. Genetic engineering. 2. Biotechnology.
3. Genetic engineering - Genetic engineering.
4. المهندسة الوراثية - الهندسة الوراثية. I. Title II. Title:  
المهندسة الوراثية والتقنية الحيوية : البحوث والدراسات  
Series

**05699**

661.0382

S 85 Saudi Consulting House. Industrial Develop-  
ment Department

Sodium chloride products, their  
production processes and uses/ prepared  
by Industrial Development Department,  
Saudi Consulting House.- Riyadh : Saudi  
Consulting House, [199-].

21 leaves ; 30 cm.

Spiral binding.

1. Salt. 2. Chemical engineering. I. Title

**05700**

661.0392

S 85 Saudi Consulting House. Industrial Develop-  
ment Department

Magnesite products, their production  
processes and uses/ prepared by Industrial

- Development Department, Saudi Consulting House.- Riyadh : Saudi Consulting House, [199-].  
20 leaves ; 30 cm.  
Spiral binding.  
1. Magnesium. 2. Chemical engineering.  
3. Chemistry, Technical. I. Title
- 05701**
- 661.06810287  
A 92 Azzeer, Abdallah Mohammed  
1981 Contactless resistivity measurements on carbon fibers using a microwave perturbation technique/ by Abdallah Mohammed Azzeer, 1981.  
x, 75 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Colorado State University, 1981. - Also available microfiche no. 1137. - Bibliography: l. 61-63.  
1. Carbon fibers - Measurement.  
2. Graphite fibers - Measurement 3. Electro-magnetic measurements. 4. الألياف. I. Title
- 05702**
- 661.0683  
S 85 Saudi Consulting House. Industrial Development Department  
[199-] Silica products, their production processes and uses/ prepared by Industrial Development Department, Saudi Consulting House.- Riyadh : Saudi Consulting House, [199-].  
16 leaves ; 30 cm.  
Spiral binding.  
1. Silica. 2. Chemical engineering.  
3. Chemistry, Technical. I. Title
- 05703**
- 661.0688  
S 85 Saudi Consulting House. Industrial Development Department  
[199-] Lead products, their production processes and uses/ prepared by Industrial Development Department, Saudi Consulting House.- Riyadh: Saudi Consulting House, [199-].  
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1. Lead. 2. Chemical engineering.  
3. Chemistry, Technical. I. Title
- 05704**
- 661.0723  
A 19 Abbas, Nureddin Mohamed  
1981 The effects of structured overlayers of sulfur on the kinetics and mechanism of simple reactions on Pt (III)/ by Nureddin Mohamed Abbas, 1981.  
2 v. (xviii, 321 leaves) : ill. ; 29 cm.  
Thesis (Ph.D.) - Stanford University, 1981. - Also available microfiche no. 620. - Bibliography: l. 320-321.  
1. Sulphur compounds. 2. Organosulphur compounds. 3. Chemical engineering. 4. الكبريت. I. Title
- 05705**
- 661.0723  
S 85 Saudi Consulting House. Industrial Development Department  
[199-] Sulfur products, their production processes and uses/ prepared by Industrial Development Department, Saudi Consulting House.- Riyadh : Saudi Consulting House, [199-].  
22 leaves ; 30 cm.  
Spiral binding.  
1. Sulphur. 2. Chemical engineering.  
3. Chemistry, Technical. I. Title
- 05706**
- 661.34  
S 31 Al-Sugair, Khalid Ali  
1992 Bioreactor for the conversion of ammonia into l-valine based on microcapsules each containing multienzymes system with cafactor-dextran recycling/ by Khaled A. Alsugair, 1992.  
xvi, 176 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - McGill University Montreal, 1992. - Bibliography: l. 164-176.  
1. Ammonia industry. 2. Bioreactors.  
3. Biochemical engineering. 4. هندسة الكيمياء الحيوية. I. Title
- 05707**

661 43

K 969 Kutub, A. A.

- 1984 Optical and electrical studies on some KDP-type single crystals = دراسة الخواص الضوئية والكهربائية للبلورات من نوع فوسفات البوتاسيوم/ by A. A. Kutub, M.E. El-Adawi and M.S. Elmanharawy.- 1st ed..- Makkah Al-Mukarramah : Umm Al-Qura University, 1984.

20 p. : ill. ; cm.

1. Potassium phosphates - Electric properties. 2. Phosphates - Electric properties. 3. Chemical engineering. 4. الفوسفات. I. El-Adawi, M. K., auth. II. Elmanharawy, M. S., j.a. III. Title IV. Title: دراسة الخواص الضوئية والكهربائية للبلورات من نوع فوسفات البوتاسيوم ثنائي الفيدروجين

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S 85 Saudi Consulting House. Industrial Development Department [199-]

Phosphate products, their production processes and uses/ prepared by Industrial Development Department, Saudi Consulting House.- Riyadh : Saudi Consulting House, [199-].

16 leaves ; 30 cm.

Spiral binding.

1. Phosphates. 2. Chemical engineering.

I. Title

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A 32 Abdul-Gader, Abdullah Hassan

- 1988 Computer alienation and information technology assimilation : a comparative study between Saudi and American decision makers in petro-chemical and printing industries/ by Abdulla Hasan Abdul-Gader, 1988.

xi, 107 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1988. - Also available microfiche no. 2082. - Bibliography: l. 89-96.

1. Petroleum chemicals industry - United States - Comparative studies. 2. Petroleum chemicals industry - Saudi Arabia - Data processing. 3. Printing industry - Saudi Arabia - Data processing. 4. Printing industry - United States - Comparative studies. 5. الصناعات البتروكيميائية السعودية. I. Title

05710

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Is 5 Al-Ismail, Hamad M.

- 1993 The impact of advanced manufacturing technologies and job-skill requirements on employee job productivity working in Saudi Arabia petrochemical industry/ by Hamad M. Alismail, 1993.

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S 32 Al-Salem, Ahmed Mohammed

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T 819 Tukur, Nasiru Mohammad

- 1992 Density-temperature behavior of pure and defined binary and ternary hydrocarbon mixtures/ by Nasiru Mohammad Tukur, 1992.

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Dentistry. 3. Mixing. 4. Chemical engineering.  
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S 58 Sanl, Abu Mohammed A.

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supported nickel catalyst/ by Abu  
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A 61 Ammar, M. M.

1984 Comparison between purification  
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- Purification. 3. Chemistry, Organic.  
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III. Series

**05715**

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H 114 Habibullah, Mohammed Badr Ahmed

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ments of radical species in flames of  
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S 32 Al-Saleh, Abdulrahman Abdulla

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evaporated milk/ by Abdulrahman Abdulla  
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B 432 **Bender, Arnold E.**  
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- 05720**
- 664.02  
H 175 **Al-Hamdan, Abdullah M.**  
1995 Particle residence time distribution and bulk heat transfer coefficients of two-phase flow in scraped surface heat exchanger and holding tubes/ by Abdullah M. Alhamdan, 1995.  
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- 664.024  
F 28 **Al-Fawaz, Mohammed A.**  
1989 Influence of maillard reaction products on lipid oxidation in a cooked meat model system/ Mohammed A. Alfawaz,1989.  
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- 05722**
- 664.024  
S 34 **Al-Sheddy, Ibraheem Abdulrahman**  
1988 Microbiological quality and safety of zoo food/ by Ibraheem Abdulrahman Al-Sheddy,1988.  
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Thesis (M.Sc.) - Ohio State University, 1988. - Also available microfiche no. 2397. - Bibliography: l. 57-66.  
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A 76 **Assiry, Alhusein M.**  
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- 05724**
- 664.024  
G 215 **Gassem, Mustafa Abdu Ali**  
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- 05725**

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H 175 Al-Hamdan, Abdullah M.

1989 Experimental studies on natural and forced convection around spherical and mushroomshaped particles/ Abdullah M. Alhamdan, 1989.

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S 63 Summan, Abdulhadi M.

1984 Studies related to the degradation of food colouring matters/ Abdulhadi M. Summan, 1984.

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T 131 Al-Taiar, Muttlag R. N.

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1. *Listeria monocytogenes*. 2. Bacteria. 3. Food - Preservation. I. Title

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S 14 Al-Shaikh, Husain Faris

[19-] Removal of impurities from fats used for deep frying/ by Husain Faris Al-Shaikh, [19-].

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1. Oils and fats - Analysis. 2. Fryers, Deep fat. 3. الزيت والشحوم. I. Title

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N 237 Nazer, Jamil M.A.

1981 Pyrolysis-GLC as an identification method of fats and oils/ by Jamil M. A. Nazer, 1981.

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Thesis (M.Sc.) - North Carolina State University, 1981. - Also available microfiche no. 1070. - Includes bibliographies.

1. Oils and fats - Analysis. 2. الزيت والشحوم. I. Title

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A 21 Al-Aidaros, Ali

1981 Determination of animal fat in margarine by high pressure liquid chromatography of the sterols/ by Ali AlAidaros, 1981.

viii, 89 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Rhode Island, 1981. - Also available microfiche no. 954. - Bibliography: l. 85-89.

1. Margarine. 2. Oils and fats, Edible. 3. Chromatographic analysis. 4. الزيت. I. Title

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K 122 Al-Kahtani, Hassan Abdullah Mohammad

1982 The effect of water quality on the degumming process and the stability of degummed soybean oil/ by Hassan Abdullah Moh'd Al-Kahtani, 1982

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Thesis (M. Sc.) - University of Nebraska, 1982. - Bibliography: l. 93-100.

1. Soybean. 2. I. Title

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M 725 **Al-Mohizea, Ibrahim Saad**

1981 Microbial degradation of sorbic acid/  
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Thesis (Ph.D.) - Michigan University,  
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A 81 **Agran, Fahad Hassan**

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studies. 2. Snack foods - Case studies.  
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N 188 **Al-Nasser, Ali Saleh**

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distiller's grains with solubles/ Ali Saleh  
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Drying. I. Title

**05735**

664.7

G 259 **Gazzaz, Sahl Sadagah**

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dried grains with solubles : effect of  
processing on protein quality, vitamin  
levels and the presence of antinutritional  
factors/ by Sahl Gazzaz, 1987.

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Drying. I. Title

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M 311 **Al-Mana, Hassan Abdulaziz**

1986 Tricalcium phosphate  $\text{Ca}_3(\text{PO}_4)_2$  : its'  
relationship to stored-product insect  
suppression and layer cake quality/  
Hassan Abdulaziz Al-Mana, 1986.

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University, 1986. - Bibliography: 1. 65-72.

1. Flour - Storage - Diseases and  
pests. 2. Food storage pests - Effect of  
insecticides on. 3. Calcium phosphate. I.  
Title

**05737**

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K 122 **Al-Kahtani, Hassan Abdullah Mohammad S.**

1985 Some biochemical and microbiological  
changes in proso millet flour during storage/  
Hassan Abdullah Mohammed S. Al-Kahtani,  
1985.

viii, 116 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Nebraska,  
1985. - Bibliography: 1. 102-113.

1. Flour - Microbiology. 2. Millet.  
I. Title

**05738**

664.725

R 879 **Al-Ruqaie, Ibrahim Mohamed**

1991 Alkylresorcinols in brans breakfast  
cereals/ by Ibrahim Mohamed Al-Ruqaie,  
1991.

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Thesis (M.Sc.) - Colorado State  
University, 1991. - Bibliography: 1. 82-88.

1. Cereal products. 2. Breakfasts.  
3. Food industry and trade.

**05739**

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Z 13 Zahed, Adnan Hamza .

1982 Simulation of drying and air channeling in a concurrent-flow rice dryer/ by Adnan Hamza Zahed, 1982.

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1. Rice - Drying. 2. تجفيف. I. Title

Title

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M 311 Al-Mana, Hassan Abdulaziz

1983 Effect of flour particle size and emulsifiers on quality of cakes made with flour of varying extraction/ by Hassan Abdulaziz Al-Mana, 1983.

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Thesis (M.Sc.) - Kansas State University, Manhattan, 1983. - Also available microfiche no. 1635. - Bibliography: l. 79-80.

1. Cake. 2. الكعك. I. Title

05741

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M 377 Al-Mashat, Sharif Hassan I.

1990 Theory of constant rate of expression and modeling of relaxation response of apple pomace/ by Sharif Hassan I. Al-Mashat, 1990.

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Thesis (M.Sc.) - The Pennsylvania State University, 1990. - Bibliography: l. 108-110.

1. Apple juice. 2. Apple industry.

3. Agricultural engineering. I. Title

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S 58 Sangouf, Hassan Obaid M.

1993 Physical and chemical characteristics studies of imported and local navel and valencia oranges and their changes during storage/ By Hassan Obaid M. Sangouf, 1993.

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1. Orange - Saudi Arabia - Preservation.

2. Orange - Saudi Arabia - Packaging.

3. Orange - Preservation. 4. - حفظ. I. Title

السعودية. I. Title

05743

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J 264 Al-Janobi, Abdulrahman A.

1993 Machine vision inspection of date fruits/ by Abdulrahman A. Al-Janobi, 1993.

xii, 133 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Oklahoma State University, 1993. - Bibliography: l. 112-116.

1. Date palm products. 2. Food processing machinery. 3. Date - Processing. 4. - قمر. I. Title

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S 72 Al-Shobaikie, Waleed A. Atallah

1985 Effect of four drying methods on the quality of lowbush blueberry fruits/ Waleed A. Atallah Al-Shobaikie, 1985.

viii, 53 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Maine at Orono, 1985. - Bibliography: l. 47-53.

1. Blueberries - Preservation. 2. Fruit - Preservation. I. Title

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J 47 Al-Jerayed, Abdulaziz

1984 Determination of isopropyl-N-(3-Chlorophenyl) carbamate (CIPC) and 1, 2, 4, 5 - Tetrachloro - 3 - nitrobenzene (TCNB) in supermarket potatoes using high performance liquid chromatography/ by Abdulaziz Al-Jerayed, 1984.

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Thesis (M.Sc.) - University of Maine at Orono, 1984. - Also available microfiche no. 1893. - Bibliography: l. 31-33.



1. Potatoes - Research. 2. Potatoes - Testing. 3. Food industry and trade. 4. البطاطا. I. Title

**05746**

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S 82 Al-Shoshan, Ahmed Abdulrahman

- 1981 The effect of post-harvest storage on the protein content : the determination of Ca, Mg and Zn with atomic absorption spectrophotometer for the cultivated mushroom *Agaricus bisporus*/ by Ahmed A. Al-Shoshan, 1981.

39 leaves : ill. ; 28 cm.

Thesis (M. Sc.) - California State University, 1981.- Includes bibliography.

1. Cultivated mushroom - Storage. I. Title

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Y 14 Yamanli, Ali M.

- 1986 Comparison of Vitamin A content in supermarket roadside stand fruits and vegetables using HPLC/ Ali M. Yamanli, 1986.

vi, 41 leaves : ill. ; 30 cm.

Thesis (M.Sc.) - University of Maine at Orono, 1986. - Bibliography: l. 37-40.

1. Fruit - Composition. 2. Vegetables - Composition. 3. Vitamin A. I. Title

**05748**

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S 19 Al-Sahal, Abdulaziz Abdullah

- 1995 The effect of Ammonia concentration and exposure time on the quality of muscle tissues/ by Abdulaziz Abdullah Al-Sahal, 1995.

xv, 111 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Oklahoma State University, 1995. - Also available microfiche no. 3735. - Bibliography: l. 81-85.

1. Meat - Preservation - Effect of ammonia on. 2. Frozen meat - Effect of ammonia on. 3. Frozen foods. I. Title

**05749**

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J 661 Al-Joher, Mohammed Abdullatif

- 1990 Effect of hot processing on the physical, sensory and microbiological properties of restructured beef with algin/calcium binders/ Mohammed Abdullatif Al-Joher, 1990.

viii, 82 leaves ; 28 cm.

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1. Meat - Preservation. 2. Meat - Boning. 3. Meat - Microbiology. 4. Beef - Preservation. I. Title

**05750**

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S 34 Al-Sheddy, Ibraheem Abdulrahman

- 1994 Chemical, microbiological, and sensory characteristics of fresh and processed lamb meat as affected by the addition of sodium or potassium lactate / by Ibraheem Abdulrahman Al-Sheddy, 1994.

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Thesis (Ph.D.) - Kansas State University, 1994. - Bibliography: l. 186-201.

1. Meat - Microbiology. 2. Meat - Preservation. 3. Lamb. (Meat) - Preservation. I. Title

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- P 942 Product-life of domestic and imported chilled sheepmeats in Saudi Arabia :

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inspection - Saudi Arabia. 4. الحرم. I. Garout, Abdulmohsen M., comp. II. Bell, R. Graham, comp. III. Saudi Arabian Standards Organization, corp.

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664.9297

**A 29 Al-Awfy, Hamad**

1981 Identification and differentiation of species in cooked meat by vertical plate gel electrophoresis/ by Hamad Al-Awfy, 1981.

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Thesis (M.Sc.) - University of Rhode Island, 1981. - Also available microfiche no. 1135. - Bibliography: I. 54-56.

1. Meat - Quality. 2. Electrophoresis. 3. الحرم. I. Title

**05753**

664.9297

**F 28 Al-Fawaz, Mohammed A.**

1994 Antioxidant activity of maillard reaction products in cooked ground beef/ by Mohammed A. Alfawaz, 1994.

x, 169 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Kansas State University, 1994. - Also available microfiche no. 3492. - Bibliography: I. 150-154.

1. Maillard reaction. 2. Food industry and trade. 3. Beef - Preservation. 4. Food - Cooling. I. Title

**05754**

664.9297

**Ow 1 Al-Owaimer, Abdullah Nasser**

1994 Predicting carcass fat and lean in lambs using total body electrical conductivity (TOBEC)/ by Abdullah Nasser Al-Owaimer, 1994.

iv, 56 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Iowa State University, 1994. - Also available microfiche no. 3510. - Bibliography: I. 35-40.

1. Lamb (Meat) - Testing. 2. Meat - Quality. 3. Meat inspection. 4. Lamb meat industry. I. Title

**05755**

664.946

**J 315 Al-Jassir, Mohammed S. H.**

1987 Polyphenol oxidase inhibition by glucose oxidase in pink shrimp (*Pandalus borealis*)/ Mohammed S. H. Al-Jassir, 1987.

xi, 130 leaves ; 28 cm.

Thesis (Ph.D.) - University of Rhode Island, 1987. - Bibliography: I. 118-130.

1. Shrimps - Preservation. I. Title

**05756**

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**G 259 Gazzaz, Sahl Sadagah**

1992 Parvalbumins in 21 common finfish species : presence and the effect of processing on immunoreactivity/ by Sahl Sadagah Gazzaz, 1992.

xix, 298 leaves ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1992. - Bibliography: I. 264-282.

1. Seafood - Microbiology. 2. Fishery processing. 3. Fishery products - Preservation. 4. Fishes. 5. ك. I. Title

**05757**

664.9497

**K 131 Al-Kanhal, Mohamad Ahmad**

1980 Accumulation of formaldehyde and its relation to postmortem aging of non-gadoid fish species/ by Mohamad A. Al-Kanhal, 1980.

viii, 65 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Utah State University, 1980. - Bibliography: I. 54-57. - Also available microfiche no. 1683.

1. Fisheries - Quality control. 2. Fishery products - Spoilage. 3. Fishes - Age determination. 4. ك. I. Title

**05758**

665.4

**H 27 Hasanain, Muhammed Ahmad**

1980 Modeling the adsorption and diffusion of H<sub>2</sub>S and SO<sub>2</sub> on spent shale produced in a combustion retort/ by Muhammed Ahmad Hasanain, 1980.

- xii, 329 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - Colorado School of Mines, 1980. - Also available microfiche no. 1058. - Bibliography: l. 175-182.  
1. Petroleum - Refining. 2. Petroleum engineering. 3. Chemical engineering. 4. Shale oils - Refining. 5. النفط المكرر - I. Title  
**05759**
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N 11 Al-Naafa, Mohammed Abdulaziz  
1990 Sedimentation and Brownian diffusion of uncharged rigid spheres/ Mohammed Abdulaziz Al-Naafa, 1990.  
xxi, 402 leaves : 28 cm.  
Thesis (Ph.D.) - Colorado School of Mines, 1990. - Bibliography: l. 344-355.  
1. Brownian motion processes. 2. Diffusion processes. 3. Sedimentation and deposition. 4. Petroleum - Refining. 5. Petroleum engineering. I. Title  
**05760**
- 665.533  
K 527 Al-Khattaf, Sulaiman Salih  
1995 The effect of unit cell size on the activity and selective of FCC catalysts/ by Sulaiman Salih Al-Khattaf, 1995.  
xii, 185 leaves : ill. ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 178-185.  
1. Cracking process. 2. Catalytic cracking. 3. Catalytic reforming. 4. Petroleum - Refining. I. Title  
**05761**
- 665.533  
S 32 Al-Saleh, Muhammad A.  
1981 A methanation study using catalysts containing nickel and molybdenum/ by Muhammad A. Al-Saleh, 1981.  
xv, 214 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Colorado School of Mines, 1981. - Also available microfiche no. 1036. - Bibliography: l. 161-167.  
1. Petroleum - Refining. 2. Petroleum engineering. 3. Chemical engineering. 4. Catalytic reforming. 5. البترول - تكرير - I. Title  
**05762**
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N 655 Nizami, Alam  
1993 Chemical aspects of thermal instability in jet fuels from Saudi-Arabian crude oils/ by Alam Nizami, 1993.  
xvii, 210 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. - Bibliography: l. 203-210.  
1. Jet planes - Saudi Arabia - Fuel. 2. Petroleum products - Thermal properties - Saudi Arabia. 3. Fuel - Saudi Arabia - Testing. I. Title  
**05763**
- 665.538509531  
P 448 PETROLUBE  
1991 Petromin oils : product guide/ Petrolube.- Jeddah : Petromin Lubricating Oil, 1991.  
ix, 100 p. in various pagings : ill. ; 29 cm.  
1. Lubrication and lubricants - Saudi Arabia - Catalogs. 2. Lubrication and lubricants industry - Saudi Arabia - Catalogs. 3. النفط والشحوم - السعودية. I. Title  
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- 665.54409531  
A 32 Al-Abdulaly, Abdulrahman I.  
1983 Analysis of crude oil pipeline design with application to Saudi Arabia's East/West petroline/ by Abdulrahman I. Al-Abdulaly, -, 1983.  
xi, 159 leaves : 28 cm.  
Thesis (M.Sc.) - Seattle University, 1983. - Bibliography: l. 130-131. - Also available microfiche under no. 1493.  
1. Pipelines - Saudi Arabia. 2. Pipelines. 3. Petroleum engineering - Saudi Arabia. 4. خطوط انابيب - البترول - السعودية. I. Title  
**05765**

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**S 17 Al-Shamlan, Abdulrahman Rashid**

1987 Gas diffusion in activated carbon : dusty-gas model/ by Abdulrahman Rashed Alshamlan, 1987.

vi, 77 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Missouri-Rolla, 1987. - Bibliography: l. 40-43.

1. Gases - Cleaning
2. Dust - Removal
3. Scrubber (Chemical technology)
4. Diffusion. I. Title

**05766**

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**M 267 Mady, Mohammed H.**

1975 Dielectric constants and clausius-mossotti functions of argon, nitrogen, methane, and their mixtures/ by Mohamed H. Mady, 1975.

iii, 59 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Wyoming, 1975. - Also available microfiche no. 1149. - Bibliography: l. 53-54.

1. Dielectrics, Gaseous
2. Dielectrics - Research
3. Dielectrics, Liquid
4. الغاز الطبيعي. I. Title

**05767**

665.73

**Z 13 Al-Zahrani, Saeed M. S.**

1994 Oxidative coupling of methane over Li/MgO catalyst : the effects of gas composition and process conditions/ by Saeed M.S. Al-Zahrani, 1994.

xxvii, 277 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Oklahoma, 1994. - Includes bibliographical references.

1. Natural Gas
2. Catalysts
3. Chemical processes. I. Title

**05768**

665.81

**H 964 Hussein, Ibnelwaleed Ali**

1992 Hydrogen production by the electrolysis of saline water/ by Ibnelwaleed Ali Hussein, 1992.

xii, 154 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 118-120.

1. Hydrogen
2. Hydrogen industry
3. Water - Electrolysis
4. الهيدروجين. I. Title

**05769**

665.84

**H 27 Hasanain, Muhammed Ahmad**

1977 Adsorption of sulfur dioxide on spent shale in packed beds/ by Muhammad A. Hasanain, 1977

viii, 95 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Colorado School of Mines, 1977. - Also available microfiche no. 1193. - Bibliography: l. 75-78.

1. Sulphur dioxide
2. Shale oils - Refining
3. Oil-shale industry
4. الكبريت. I. Title

**05770**

666

**S 13 Al-Shahrani, Abdulaziz A. Sh.**

1993 Preparation and characterisation of ceramic and thin film Zn<sub>2</sub>SnO<sub>4</sub>/ Abdulaziz A. Sh. Al-Shahrani, 1993.

151 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of Durham, 1993. - Bibliography: l. 151.

1. Ceramics
2. Zinc stannate
3. Zinc salts. I. Title

**05771**

666.1

**A 78 Al-Amri, Ali Mufarreh Saleh**

1992 Fabrication and properties of materials for handling hot glass/ by Ali Mufarreh Saleh Al-Amri, 1992.

vii, 272 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - University of New Castle Upon Tyne. - Bibliography: l. 192-196.

1. Glass manufacture - Equipment and supplies
2. صناعة الزجاج. I. Title

**05772**

666.15709531

**S 85 Saudi Arabian Amiantit Group**

[19-] Amiantit : technical information pack/  
Saudi Arabian Amiantit Group - Dammam:  
Amiantit, [19-].

iv. (Loose-leaf) : col. ill. ; 31 cm.

Arabic title inside the folder : اميانتيت

غلاس فيبر :

1. Glass fiber industry - Saudi Arabia.
2. Pipe, Glass. 3. Pipe, Iron. 4. Pipe joints.
5. Ceramic industries - Saudi Arabia.
6. Pipe, Concrete. 7. Building materials indus- Saudi Arabia. I. Title II. Title :

اميانتيت : غلاس فيبر

**05773**

666.893

**B 149 Baig, Mirza Ghouse**

1995 Laboratory evaluation of hedmanite  
and lime modified asphalt concrete mixes/  
by Mirza Ghouse Baig, 1995.

xii, 188 leaves, 2 l. of plates :  
ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University  
of Petroleum and Minerals, 1995. - Arabic  
summary. - Bibliography: l. 183-188.

1. Asphalt concrete - Additives.
2. Hedmanite. 3. Lime. I. Title

**05774**

667.2

**A 32 Abdulaal, Mohmed El-Shiekh**

1982 Tristimulus values in the correction of  
dye-recipes/ by Mohmed Elshiekh Abdulaal,  
1982.

180 leaves : ill. ; 31 cm.

Thesis (Ph. D) - University of Bradford.

1982. - Includes bibliographical references.

1. Dyes and dyeing. I. Title

**05775**

667.60218531

**S 85 Saudi Arabian Standards Organization**

1986 Paints and varnishes ready mixed oil-  
based paints for use on concrete and  
masonry/ Saudi Arabian Standards

Organization.- Riyadh : Saudi Arabian  
Standards Organization, 1986.

10 p.; 29 cm.- (Saudi standard; no.471).

1. Paint - Saudi Arabia - Standards.

2. Varnish and varnishing - Standards - Saudi  
Arabia. 3. الدهانات. I. Title II. Series

**05776**

667.9

**T 84 Al-Turaiif, Hamad Ali**

1994 Effect of pigmentation on surface  
energy and surface chemistry of  
polymeric coatings/ Hamad Ali Al-Turaiif,  
1994.

xi, 122 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Maine,  
1994. - Also available microfiche no.  
3555. - Bibliography: l. 110-114.

1. Coatings. 2. Pigments. 3. Surface  
chemistry. 4. Surface energy. 5. Polymeric  
composites. I. Title

**05777**

668.1

**H 339 Al-Hazmi, Mohammed I.**

1990 A biosurfactant of bacterial origin and  
its characterization/ Mohammed I. Al-  
Hazmi, 1990.

xiv, 259 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Rhode  
Island, 1990. - Bibliography: l. 249-258.

1. Biosurfactants. 2. Microbial surfactants.
3. Surface active agents. 4. Chemistry,  
Technical. I. Title

**05778**

668.37

**H 339 Al-Hazmi, Mohammed I.**

1984 Quantitative determination of sugars  
in gums by a modified GLC method/ by  
Mohammed Al-Hazmi, 1984.

viii, 52 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Rhode  
Island, 1984. - Also available microfiche  
no. 1903. - Bibliography: l. 50-52.

1. Gums and resins, Synthetic.
2. Sugar - Manufacture and refining - By-  
products. 3. الصمغ. I. Title

**05779**

668.423

**W 892 Workshop on Thermoplastics Beyond the year 2000 (1993: Dharran)**

Workshop on Thermoplastics beyond the year 2000 , (April 4-5, 1993) : technical papers/ Organized by Petroleum and Gas Technology Division, The Research Institute.- Dhahran, SA : The Research Institute, KFUPM, 1993.

xxi, 302 p. : ill. ; 30 cm.

Includes bibliographical references.

1. Thermoplastics - Congresses.
2. Thermoplastic composites - Congresses.
3. البلاستيك - مؤتمرات. I. King Fahd University of Petroleum and Mineral. The Research Institute, corp. II. Title

**05780**

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**B 291 Basfar, Ahmed Ali**

1992 Improved mechanical properties and ozone resistance of styrene-butadiene rubber cured by ionizing radiation/ by Ahmed Ali Basfar, 1992.

xvi, 197 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Maryland, 1992. - Bibliography: l. 191-197.

1. Ozone. 2. Chemical tests and reagents.
3. Ionizing radiation - Measurement.
4. Thermoplastics. 5. Styrene-butadiene rubber.
6. البلاستيك. I. Title

**05781**

668.4233

**R 213 Ben Rayes, Tareq A.**

1993 A study on polybutadiene homopolymer blends/ by Tareq A. Ben Rayes, 1993.

xii, 98 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Akron, 1993. - Also available microfiche no. 3389. - Bibliography: l. 96-98.

1. Polymerization. 2. Crosslinking (Polymerization). 3. Styrene-butadiene rubber. 4. Thermoplastics. 5. البلاستيك. I. Title

**05782**

668.4236

**K 526 Khairou, Khalid Sulaiman**

1986 Copolymerization studies on N-Vinyl-2-Pyrrolidone/ Khalid Sulaiman Khairou, 1986.

iv, 155 leaves : ill. ; 31 cm

Thesis (M.Sc.) - University of Salford, 1986. - Bibliography: l. 142-146.

1. Vinyl polymers. 2. Pyrrolidine. I. Title

**05783**

668.4237

**A 47 Akhtar, Mohammed Humayun**

1983 Effect of processing conditions on the microstructure of uPVC/ Mohammed Humayun Akhtar, 1983.

243 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Brussel University. - Includes bibliographical references.

1. Polyvinyl chloride. I. Title

**05784**

668.9

**N 145 Al-Najjar, Mohammed Mustafa**

1995 Hydrogen bonding in polymer blends : effect on glass transition temperature/ by Mohammed Mustafa Al-Najjar, 1995.

xvi, 170 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 93-97.

1. Polymers. 2. Hydrogen bonding. I. Title

**05785**

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**G 212 Gashgari, Muhammad-Amin Dawoud**

1982 Excimer fluorescence as a molecular probe of polymer blend miscibility/ by Muhammad-Amin Dawoud Gashgari, 1982.

xv, 206 leaves ; 29 cm.

Thesis (Ph.D.) - Stanford University, 1982. - Also available microfiche no. 428. - Bibliography: . 206.

1. Polymerization. 2. Molecular theory. 3. Polymers. 4. البلمرات. I. Title

**05786**

668.9

Ij 1 Ijaz, Waseem

1995 A study of protein partitioning in two phase aqueous solutions of random and multi-block copolymers/ by Waseem Ijaz, 1995.

viii, 97 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 93-97.

1. Block copolymers. 2. Polymers. I. Title

05787

669

D 139 Al-Dahshan, Mohamed Ezz

1993 Fundamentals of extractive metallurgy/ Mohamed Ezz El-Dahshan .- Riyadh : University libraries, King Saud University, 1416 H, 1993.

xi, 362 p. ; 28 cm.

ISBN 9960-05-025-4

Bibliography: p. 349-352. - Includes index.

1. Metallurgy. I. Title

05788

669.7322

J 111 Al-Jabab, Abed Suliman

1992 Low melting ternary titanium casting alloys/ Abed Suliman Al-Jabab, 1992.

xxxi, 397 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Northwestern University, 1992. - Bibliography: l. 293-309.

1. Titanium alloys - Heat treatment. 2. Titanium castings. 3. Metal castings. 4. المعادن. I. Title

05789

669.735

Ot 1 Al-Otaibi, Khalid M.

1990 Mechanical anisotropy, strain aging and deformation mechanisms in zirconium and zirconium-niobium alloys/ by Khalid M. Al-Otaibi, 1990.

xi, 135 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - North Carolina State University, 1990. - Includes bibliographical references. - Also available microfiche no. 2962.

1. Zirconium alloys. 2. Niobium alloys. 3. Nuclear engineering. 4. المعادن. I. Title

05790

670.285

A 33 Abed, Seraj Yousef

1982 A comparative study of three simulation languages as applied to manufacturing facility simulation/ by Seraj Yousef Abed, 1982.

xvii, 301 leaves ; 29 cm.

Thesis (Ph.D.) - Iowa State University, 1982. - l. 234-239.

1. Manufacturing processes- Automation. 2. SIMSCRIPT (computer program language). 3. GPSS/H (computer program language). 4. SLAM (computer program language). 5. Industrial engineering - Automation. 6. Systems engineering. I. Title

05791

670.285

D 749 Al-Dousari, Saad Mohammed Rashid

1993 The assessment of a rule-based approach for the formation of manufacturing cells : design, development, implementation and review of rule-based systems, based on different techniques, for formulating product families and associated cells/ by Saad Mohammed Rashid Al-Dousari, 1993.

192 leaves ; 30 cm.

Thesis (Ph.D.) - University of Bradford, 1993. - Bibliography: l. 184-92.

1. Manufacturing processes- Automation. 2. Manufactures. 3. Rule-based programming. 4. معالجة البيانات - هندسة الصناعات. I. Title

05792

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3 185 **Damlr, M.N.H.**

1980 Manufacturing technology : machining and measurement/ M. N. H. Damlr and A. S. Shoukry.- Jeddah ; Dar Okaz, 1980.

161 p. : ill. ; 24 cm.

1. Manufacturing processes. 2. Production engineering. 3. Machine molding (Founding)

4. Machining. I. Shoukry, A.S. II. Title

**05793**

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3 d 5 **Al-Idrissi, Mustafa Muhammad**

1981 Unconstrained minimization algorithms for functions with singular or ill-conditioned hessian/ by Mustafa Muhammad Al-Idrissi, 1981.

vii, 127 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1981. - Also available microfiche no. 766. - Bibliography: 1. 122-127.

1. Industrial engineering. 2. Operations research. 3. الهندسة الصناعية. I. Title

**05794**

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3 245 **Reda, Hussein Murad Ali**

1985 A theory for national industrial development presented in a system dynamics model/ by Hussein Murad Ali Reda, 1985.

xiii, 219 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - Virginia Polytechnic Institute and State University, 1985. - Also available microfiche no. 375. - Bibliography: 1. 184-186.

1. Industrial engineering. 2. Industrial promotion. 3. Factory engineering. 4. الهندسة الصناعية. I. Title

**05795**

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3 111 **Al-Dabbagh, Mohammad Hany**

1993 Development of gert models for pre-commissioning and commissioning of main

utilities at Petromin, Rabigh industrial area/ Mohammad Hany Al-Dabbagh, 1993.

viii, 114 p. : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: 1. 113-14.

1. Factory Management - Saudi Arabia. 2. Facility management - Saudi Arabia. 3. Industries - Saudi Arabia - Rabigh - Management. I. Title

**05796**

670.420973

A 42 **Al-Angari, Khaled H.**

1991 Flexible manufacturing systems in the USA : objectives vs results : on empirical study/ by Khaled H. Alangari.- [s.l.] : [s.n.], 1991.

xii, 195 leaves ; 28 cm.

Thesis (Ph.D.) - University of Wisconsin-Milwaukee, 1991. - Bibliography: 1. 143-155.

1. Flexible manufacturing systems - United States. 2. الولايات المتحدة - الهندسة الصناعية - الدراسة. I. Title

**05797**

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G 341 **Al-Ghamdi, Abdulrahim**

1992 Multi-objective optimization/simulation of flexible manufacturing systems by modified simulated, annealing/

xii, 114 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Illinois at Chicago, 1992. - Bibliography: 1. 77-84.

1. Manufacturing processes - Automation. 2. Manufacturing Automation Protocol. 3. Manufactures. I. Title

**05798**

670.427

T 847 **Al-Turki, Umar M.**

1994 The single machine absolute deviation early-tardy problem with random completion times/ by Umar M. Al-Turki, 1994.

x, 102 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Rensselaer Polytechnic Institute, 1994. - Bibliography: 1. 93-99.



1. Production engineering - Data processing. 2. Industrial engineering - Data processing. 3. Stochastic systems. 4. Flexible manufacturing systems. 5. Computer integrated manufacturing systems. 6. Just-in-time systems. I. Title

**05799**

670.42725

**K 526 Al-Khaleefah, Ahmad S.**

1993 Vision assisted robot electronic assembly and reliability assessment/ Ahmed S. Al-Khaleefah, 1993. viii, 179, [80] leaves : ill. (Some col.) ; 31 cm.

Thesis (Ph.D.) - University of Strathclyde, 1993. - Bibliography: l. 174-178.

1. Robots, Industrial - Reliability. 2. Assembling machines - Reliability. 3. Robotics - Reliability. 4. Robot vision. 5. Robots - Programming. I. Title

**05800**

671.36

**K 528 Khokhar, Aleem Aman**

1995 Effect of heat treatment on the flow induced corrosion of aluminum-sic (p) composites at elevated temperatures/ by Aleem Aman Khokhar, 1995.

xix, 130 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 123-129.

1. Aluminum - Heat treatment. 2. Aluminum - Corrosion. I. Title

**05801**

671.520289

**B 199 Balkhyour, Mansour Ahmed**

1993 Factors that might cause occupational health hazard in some industries (welding) in Jeddah/ by Mansour Ahmed Balkhyour, 1413 H, 1993.

ca. 198 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Includes bibliography.

1. Welding - Health aspects. 2. Welding industry - Health - aspects-Jeddah. 3. Welding - Safety - Jeddah measures. 4. Industrial safety - Jeddah. 5. Industrial hygiene - Jeddah. 6. الخياطة. I. Title

**05802**

671.5213

**T 845 Turgutlu, Ahmet**

1984 Impact spot welding of metals : theory and experiments/ Ahmet Turgutlu, 1984. 186 leaves : ill., plates ; 30 cm.

Thesis (Ph.D.) - Victoria University of Manchester, 1984. - Includes bibliographical references.

1. Electric welding. 2. Welding. I. Title

**05803**

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**H 963 Hussain, Munawar**

1992 Flexure and shear behaviour of damaged RC beams repaired by plate bonding/ by Munawar Hussain, 1992. xxiv, 388 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1992. - Bibliography: l. 323-330.

1. Plates, Iron and steel - Welding. 2. Girders - Welding. 3. الخياطة. I. Title

**05804**

672.52

**B 144 Ba-Dughhaish, Said**

1993 Influence of high temperature exposure on microstructure and mechanical properties of austenitic stainless steel welds/ by Said Ba-Dughhaish, 1993.

xii, 126, 6 leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdulaziz University, 1993. - Bibliography: l. 89-93.

1. Steel, Stainless - Welding. 2. Austenitic stainless steel - Welding. 3. Microstructure - Effect of welding on. I. Title

**05805**

672.5252

**M 288 Al-Majid, Abdulhakim A.**

1995 Fatigue of spot welded carbon steel joints with a modified geometry/ by Abdulhakim A. Almajid, 1995.

ii, 26 leaves : ill. ; 28 .

Thesis (M.Sc.) - Sever Institute of Technology, Washington University, 1995. - Bibliography: I. 26.

1. Welded joints - Fatigue. I. Title

**05806**

672.73

**Is 5 Ismail, Abdel el elah Assad**

1993 Study of Corrosion-fatigue resistance for coated carbon steel/ by Abdel el elah Assad Ismail, 1993.

x, 150, [154] leaves, 70 p. : ill. ; 30 cm.

Thesis (M.Sc.) - King Abdul aziz University, 1993. - Bibliography: I. 146-150.

1. Carbon steel. 2. Coating processes.

3. Metal coating. 4. الحديد. I. Title

**05807**

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**S 85 Saudi Arabian Standards Organization**

1986 Designation of primary and supplementary ranges for untrimmed sizes of paper/ Standardization and Metrology Organization for G.C.C countries; Saudi Standards Organization.- Riyadh : Board of Directors of G.C.C. Countries, 1986.

2 p. ; 30 cm.- (Gulf standard ; 26/1984). ( Saudi standard ; 463/1986).

1. Papermaking - Standards - Saudi Arabia. 2. Papermaking - Standards - Arabian Gulf States. I. Gulf Cooperation Council. Standardization and Metrology Organization, corp. II. Title III. Series IV. Series: Saudi standard; 463/1986

**05808**

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**S 85 Saudi Arabian Standards Organization**

1986 Methods of expression of dimensions of processed writing paper and certain

classes of printed matter/ Standardization and Metrology Organization for G.C.C countries; Saudi Arabian Standards Organization.- Riyadh : Board of Directors of G.C.C., 1986.

9 p. ; ill. ; 30 cm.- ( Gulf Standard ; 27/1984). ( Saudi Standard ; 464/1986).

1. Papermaking - Standards - Saudi Arabia. 2. Papermaking - Standards - Arabian Gulf States. I. Gulf Cooperation Council. Standardization and Metrology, corp. II. Title III. Series IV. Series: Saudi standard, no. 464/1986

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**S 85 Saudi Arabian Standards Organization**

1986 Sizes of folders and files manufactured from paper and board/ Standardization and Metrology Organization for G.C.C countries; Saudi Arabian Standards Organization.- Riyadh : Board of Directors of G.C.C. Countries, 1986.

1 leaf ; 30 cm.- (Gulf standard ; 25/1984). ( Saudi standard ; 462/1986)

1. Files (Records) - Standards - Saudi Arabia. 2. Files (Records) - Standards - Arabian Gulf States. 3. Stationery - Standards - Saudi Arabia. 4. Stationery - Standards - Gulf Cooperation Council Countries. I. Gulf Cooperation Council. Standardization and Metrology Organization, corp. II. Title III. Series IV. Series: Saudi Standard; no. 462/1986

**05810**

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**S 85 Saudi Arabian Standards Organization**

1984 Saudi standard no. 402 : national flag fabric of the Kingdom of Saudi Arabia/ Saudi Arabian Standards Organization.- Riyadh : Saudi Arabian Standards Organization, 1984.

22 leaves ; 30 cm.

1. Flags - Saudi Arabia - Standards. 2. Textile fabrics - Standards - Saudi Arabia. 3. العلم السعودي. I. Title

**05811**

681.2

R 112 Al-Rabiah, Humoud S.

1978 A simple, inexpensive spinning-drop interfacial tensiometer/ by Humoud S. Al-Rabiah, 1972.

viii, 53 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of New Mexico, 1972 - Bibliography: l. 52-53. - Also available microfiche no. 1818.

1.Measuring instruments. 2.Tensiometers. 3.Spining machinery. 4. أجهزة قياس. I. Title

05812

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Up 6 Upp, E.L., (1927--)

1993 Fluid flow measurement : a practical guide to accurate flow measurement/ E.L. Upp.- Houston, Tex. : Gulf Publishing, 1993.

xi, 178 p. : ill. ; 24 cm.

ISBN 0-88415-017-8

Includes bibliographical references and index.

1.Fluid dynamic measurements. 2.Flow meters. I. Title

05813

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S 85 Saudi Arabian Standards Organization

1985 Testing of taxi meters.- Riyadh: Saudi Arabian Standards Organization, 1985.

9 p. : ill. ; 29 cm.- ( Saudi standards ; no. 427).

1. Measuring instruments - Saudi Arabia - Testing - Standards. 2. Taximeters - Saudi Arabia - Testing - Standards. 3. أجهزة قياس. I. Title II. Series

05814

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R 183 Rashed, A.F.

1986 Precision measurements of dimensions and surfaces by laser and computer/ prepared by A.F. Rashed, T.T. El-Midany, and M.Y. Al-Makky.- Jeddah : College of Engineering, King Abdulaziz University, 1985.

426, 25, 94 p. : ill. ; 28 cm.

Title on Cover page : Laser Computer-aided precision measurement of dimensions and surfaces. - Text and title in Arabic: القياسات الدقيقة للأبعاد والاسطح باستخدام الليزر والحاسب

1. Physical measurements - Data processing. 2. Lasers - Measurement - Data processing. 3. Measuring instruments - Data processing. I. El-Midany, T.T.j.a. II. Al-Makky, M.Y.j.a. III. Title

05815

681.755

M 315 Mannaa, Abdul-Raof Muhamad

1982 Dynamics and error analysis of a long base line two-fluid tiltmeter/ by Abdul-Raouf Muhamad Mannaa, 1982.

xiii, 214 leaves : ill., plates ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1982. - Also available microfiche no. 843. - Bibliography: l. 123-126.

1. Tiltmeter. 2. Geophysical instruments. 3.Scientific apparatus and instruments industry. I Title

05816

681.7631

T 348 Al-Thinnayan, Thwainy Ali

1994 Design of Palm. harvesting and maintenance machine/ by Thwainy Ali Al-Thinnayan, 1415 H, 1994.

ix, 173, [135] leaves : ill. ; 31 cm.

Thesis (M.Sc.) - King Abdul Aziz University, 1994. - Text in English and Arabic.

1.Date - Harvesting. 2.Date - Harvesting - Machinery - Design. I. Title II. Title: تصميم آلة الحصاد وصيانة المحصول

05817

684.102855369

D 752 Al-Dowayyan, Fahad M.

1989 Al-Dowayyan's furniture system/ by Fahad M. Al-Dowayyan, 1989.

iv, 214 leaves : ill. ; 28 cm.

Thesis (M.A.) - Sangamon State University, 1989. - Also available microfiche no. 2540.

1. Furniture industry and trade - Computer programs. 2. Furniture - Computer programs. 3. صناعة الأثاث - معالجة البيانات. I. Title
- 05818**
- 686.20953111  
S 85 Saudi Arabia. National Guard  
[19-] National Guard Printing Press/ Saudi Arabia, National Guard.- Riyadh : National Guard Printing Press, [19-].  
39 p. : col.ill., ports. ; 21 cm.  
1. National Guard Printing Press (Riyadh). 2. Printing - Riyadh. 3. Printing - Saudi Arabia. I. Title
- 05819**
- 686.283  
S 35 Salma, Nasser Mohammed A.  
1986 The Selection, allocation and arrangement of Arabic typography on maps/ by Nasser Mohammed Salma.- Seattle, Wash. : University of Washington, 1986.  
vi, 181 p. ; 28 cm.  
Thesis (Ph.D.) - University of Washington, 1986.  
1. Maps. 2. Printing. 3. الطبوغرافيا. I. Title
- 05820**
- 690.06  
S 61 Al-Sinan, Fouad Mansoor  
1981 Construction management services in developing countries/ by Fouad M. Al-Sinan, 1981.  
vii, 72 leaves ; 29 cm.  
Thesis (M.Sc.) - Oregon State University, 1981.- Bibliography: l. 69-72.  
1. Construction industry - Developing countries - Management. I. Title
- 05821**
- 690.0681  
B 399 Bekheet, Moataz T.  
1990 Financing alternatives for international construction projects/ Moataz T. Bekheet, 1990.  
vii, 82 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - Case Western Reserve University, 1990. - Bibliography: l. 70-71.  
1. Construction industry - Finance. 2. Construction industry - Management. I. Title
- 05822**
- 690.09531  
G 341 Al-Ghafly, Mohammed A.  
1995 Delay in the construction of public utility projects in Saudi Arabia/ by Mohammed Ahmed Al-Ghafly, 1995.  
viii, 230 leaves ; 29 cm.  
Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1995. - Bibliography: l. 227-230.  
1. Construction industry - Saudi Arabia - Management. 2. هندسة الانشاءات - السعودية. I. Title
- 05823**
- 690.09531  
H 963 Al-Hussayen, Mohammed  
1980 Building problems in Saudi Arabia : the need for building research, and the development of building research approaches/ by Mohammed Al- Hussayen, 1980.  
xii, 212 leaves : ill. ; 29 cm.  
Thesis (Ph.D.) - University of Michigan, 1980. - Also available microfiche no. 788. - Bibliography: l. 196-212.  
1. Buildings - Saudi Arabia. 2. Architecture- Saudi Arabia - Details. 3. City planning - Saudi Arabia. 4. المباني - السعودية. I. Title
- 05824**
- 690.12  
S 23 Shararah, Hussein H.  
1981 Evaluation of wall construction techniques based upon economical factors influencing labor and materials/ by Hussein Hamzah Shararah, 1981.  
xii, 178 leaves : ill. ; 29 cm.

Thesis (Ph.D.)- Oklahoma State University, 1981.- Also available on microfiche no 380. -Bibliography: l. 103-106.

1. Building materials - Economic aspects.
2. Building materials - Labor productivity.
3. Building - Design and construction.
4. المباني. I. Title

**05825**

690.15

**M 318 Mansouri, Abdulwahab Hassan**

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2. Flat roofs. 3. السقوف. I. Title

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**M 278 Mahmoud, Magdy Ahmed Abdel-Rahman**

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2. Building materials - Data processing.
3. Flooring - Costs - Data processing.
4. Expert systems (Computer science). I. Title

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**S 32 Saleh, Mohammed Abdullah Eben**

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**05828**

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**D 885 Al-Dukair, Ziad A.**

- 1988 Safety assessment and optimization of construction operations based on fuzzy sets/ Ziad A. Eldukair, 1988.

2 v. (xix, 1024 leaves) : ill. ; 29 cm.

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1. Construction industry - Safety measures. I. Title

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**J 261 Jannadi, M. Osama Ahmed**

- 1989 The effect of construction Foremen's practices on safety in building projects in Saudi Arabia/ M. Osama Ahmed Jannadi, 1989.

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S 61 Al-Shiha, Mansour Mohammad

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**05833**

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H 339 Al-Hazmi, Talal Ali

1995 Toward standardization of public building maintenance contracts in Saudi Arabia/ by Talal Ali Al-Hazmi, 1995.

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**05834**

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H 757 Honeywell small office building project/

1976 Mohammed Owaid, ... [et al.], 1976.

118 leaves ; 29 cm.

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1. Office buildings - Minnesota - Minneapolis - Conservation and restoration. I. Owaid, Mohammed A. auth.

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M 891 Mufti, Ammar D.

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S 59 Sanyour, Suhail Sulaiman

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 4. الإسكان - الدمام. I. Title  
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 Muhammed A., j.a. III. Title. IV. Title: طرق  
 انشاء المباني التي استعملت حديثا في المملكة العربية  
 السعودية

**05842**  
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F 358 Fenis, Saeed M.  
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Saeed M. Fenis, 1989.  
v, 74 leaves ; 28 cm.  
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2. Construction industry - Management.
3. Building - Estimates. I. Title

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A 32 Abdul-Fattah, Osama Y.

- 1985 Estimating with electronic spreadsheets/  
Osama Y. Abdul-Fattah, 1985.

103 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of New Mexico, 1985. - Bibliography: l. 103.

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2. Multiplan (computer program).
3. Jazz (computer program).
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M 278 Al-Mahmassani, Amer Afif

- 1984 An overview of changes in construction/  
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- 1987 Change orders in construction contracts/  
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2. Contracts, letting of - Saudi Arabia.
3. Engineering contracts - Saudi Arabia.
4. Construction industry - Law and legislation - Saudi Arabia.
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A 32 Abdul-Razig, Abdalla Abdelrahman

- 1995 Computerized AHP model for solving  
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2. Construction industry - Management.
3. Letting of contracts - Data processing.

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A 32 Abdulmatlob, Abdulaziz M. Najy

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  3. Construction industry - Law and legislation - Saudi Arabia. 4. العقود البناء - السعودية. I. Title

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- A 15 Abu-Ashah, Muhammad Mahmoud  
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Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 197-200.

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2. Construction industry - Saudi Arabia.
3. Building materials industry - Saudi Arabia.
4. Buildings - Saudi Arabia.
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G 123 Al-Gahtani, Ahmed Saad Zafer

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4. Construction contracts - Saudi Arabia.
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- 1994 Factors considered in contractor prequalification process in Saudi Arabia / Kamal Hosni Rasheed Al-Gobali, 1994.

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- 1994 Development a concrete cost estimating model for small residential buildings / Mohammad Faez Wijdan Hassan Al-Bani, 1994.

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N 237 Nazer, Mansour Othman  
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M 473 Al-Megren, Khalid Abdullah  
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H 372 Al-Hemiddi, Nasser A.M.  
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- 05875**
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Z 13 Al-Zahem, Zahem I.  
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B 858 Budaiwi, Ismail

1994 Modelling of indoor air humidity transient behaviour : effect on exterior wall moisture performance / Ismail M. Budaiwi, 1994.

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1. Universities and colleges - Buildings - Air conditioning. 2. King Faisal University - Buildings - Air conditioning. 3. Air conditioning. 4. الجامعات والكليات - مباني. I. Title

**05878**

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G 341 Al-Ghamedy, Ahmed A.G.

1986 Investigation of conditions effecting art teacher preparation and art education curriculum implementation in Saudi Arabia/ by Ahmed A.G. Al-Ghamedy, 1986.

vii, 192 leaves ; 29 cm.

Thesis (Ph.D.) - Ohio State University, 1986. - Bibliography: l. 187-192. - Also available microfiche no. 2515.

1. Art - Saudi Arabia - Curricula.  
2. Arts - Study and teaching (Higher) - Saudi Arabia. 3. المعلم - السعودية. I. Title

**05879**

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A 94 Abunayyan, Fawaz Fahad

1994 The identification of artistically gifted male students in Saudi Arabia : relations among art teacher selection, students' beliefs, and art making abilities/ Fawaz Fahad Abunayyan, 1994.

xv, 303 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Pennsylvania State University, 1994. - Bibliography: l. 229-236.

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**05880**

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Z 13 Al-Zahrani, Ali Y. S.

1988 How policy stakeholders perceive the value and importance of art education in Saudi Arabia's schools/ by Ali Y.S. Al-Zahrani. - [s.l.] : [s.n.], 19.

2 v. (viii, 423 leaves) ; 28 cm.

Thesis (Ph.D.) - Ohio State University 1988. - Bibliography: l. 412-423. - Also available microfiche no. 2066.

1. Art - Study and teaching - Saudi Arabia. 2. Art and state - Saudi Arabia. 3. التربية الفنية - طرق التدريس - السعودية. I. Title

**05881**

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Z 19 Al-Zayer, Saleh H.

1984 An inquiry into the methods used by high school art teachers in evaluating the work of their students/ by Saleh H. Al-Zayer. - [s.l.] : [s.n.], 1984.

- 40 leaves ; 28 cm.  
Thesis (M.A.) - Ohio University, 1984.  
- Bibliography: 1. 34. - Also available microfiche under no. 1678.  
1. Arts - Study and teaching - Evaluation. 2. Educational evaluation - Saudi Arabia. 3. Arts - Study and teaching (Higher) - Saudi Arabia. 4. الفن - تعليم. I. Title  
**05882**
- 707.12531  
M 371 Al-Masary, Nasser A.  
1990 The effect of discipline-based art education on students' aesthetic awareness/ Nasser A. Almasary, 1990.  
x, 254 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - University of California, 1990. - Bibliography: l. 63-66.  
1. Art - Study and teaching (secondary) - Saudi Arabia. I. Title  
**05883**
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N 152 Al-Namlah, Mohamed Abdulrahman  
1994 Identifying college students' attitudes toward the art world in Saudi Arabia/ by Mohamed Abdulrahman Al-Namlah, 1994.  
x, 219 leaves ; 29 cm.  
Thesis (Ph.D.) - Ourdue University, 1994. - Also available microfiche no. 3438. - Bibliography: l. 173-180.  
1. Arts - Study and teaching (Higher) - Saudi Arabia. 2. Saudi Arabian students - Attitudes. 3. الفن - تعليم - السعودية. I. Title  
**05884**
- 708.19474  
A 41 Ali, Al-Zahrani Y.  
1980 Art educational programs/ approaches used in the museums and cultural centers in the South Bay area/ by Alzahrani Y. Ali, 1980.  
v, 77 leaves : ill. ; 28 cm.  
Thesis (M.A.) - San Jose State University, 1980. - Also available microfiche no. 1403. - Bibliography: l. 77.  
1. Museums - Educational aspects. 2. Art museums - San Jose (Calif.). 3. Art museums - Educational aspects. 4. San Jose (Calif.) - Cultural policy. 5. Museums - San Jose (Calif.). 6. المتاحف. I. Title  
**05885**
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R 350 Riad: Kunst-Ausstellung/ Riad Gestern und Heute. - [Riad]: Riad Gestern und Heute, 1985.  
47 p. : col. ill. ; 30 cm.  
1. Art - Saudi Arabia - Exhibitions  
2. Art - Exhibitions. 3. الفن السعودي - معارض. I. Riad Gestern und Heute, corp.  
**05886**
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P 432 Personal Exhibition of the Saudi Artist 1976 (12th : 1976 : Riyadh)  
The 12th personal exhibition of the Saudi Artist M. Al-Saleem in the Riyadh Intercontinental Hotel Foyero from 2-1-1976 to 12-1-1976/ Mohamed Mousa Al-Saleem; The Saudi Arabian Society for Arts. - Riyadh : Al-Yamama Press, 1976.  
ca. 35 p. : col. ill. ; 24 cm.  
Text in English and Arabic.  
1. Arts - Saudi Arabia - Exhibitions. 2. Al-Saleem, Mohammed Mousa - Exhibitions. 3. Art - Exhibitions. 4. الفن - معارض. I. Al-Saleem, Mohamed Mousa, art. II. Saudi Arabian Society for Arts, corp. III. Title  
**05887**
- 708.953123  
M 972 Museum of Abdul Raouf Hasan Khalil [19-]  
Museum of Abdul Raouf Hasan Khalil: museum guide/ Museum of Abdul Raouf Hasan Khalil; translated by : Translation Home - Abdul Wahab Ibrahim Al-Fadi; photographed by Mohammed Israr. - Jeddah: Nasr Packaging and Prico., [19-].  
50, 50 p. : col. ill. ; 30 cm.  
Text in English and Arabic. - Includes colour and flour plans.

1. Museum of Abdul Raouf Hasan - Guidebooks. 2. Museums - Jeddah - Guidebooks. 3. Museums - Saudi Arabia - Guidebooks. 4. المتاحف - السعودية - كتيب إرشادي I. Translation Home - Abdul Wahab Ibrahim Al-Fadl, corp. II. Title

**05888**

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A 69 Al-Amoud, Yousef I.

1991 A descriptive study of verbal statements made by Saudi Arabian students about Islamic and Western art objects/ by Yousef I. Alamoud, 1991.

xiii, 377 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - The Ohio State University, 1991. - Bibliography: l. 368-77.

1. Saudi Arabian students - Attitudes. 2. Art objects, Islamic - Saudi Arabia. 3. Arts, European - Saudi Arabia. 4. Art - Study and teaching - Saudi Arabia. 5. الفن الإسلامي - السعودية I. Title

**05889**

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B 168 Bajouda, Hamza A.

1993 Analysis of three Islamic art historians' explanations of the characteristics and formation of Islamic art : implication for model development/ by Hamza Bajouda, 1993.

xi, 285 leaves ; 28 cm.

Thesis (Ph.D.) - Ohio State University, 1993. - Also available microfiche no. 3386. - Bibliography: l. 279-285.

1. Islamic art - History and criticism. 2. الفن الإسلامي I. Title

**05890**

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A 32 Abdulkhalik, Ahmed A.

1985 Traditional values in rapidly growing communities/ by Ahmed A. Abdulkhalik, 1985.

163 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - Harvard University,

1985. - Also available microfiche no. 1784. - Bibliography: l. 139-144.

1. Islamic architecture. 2. Islamic cities and towns. 3. City planning. 4. التخطيط I. Title

**05891**

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A 16 Abalkhail, Ahmed Hamad

1983 Land use development and planning in Saudi Arabia/ by Ahmed Hamad Abalkhail, 1983.

viii, 89 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Washington, 1983. - Also available microfiche no. 1533. - Bibliography: l. 86-89.

1. City planning - Saudi Arabia. 2. التخطيط المدن والتري - السعودية I. Title

**05892**

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K 528 Al-Khedeiri, Abdulaziz Abdullah

1991 Urban infill : a rational policy for land use in the Kingdom of Saudi Arabia/ by Abdulaziz Alkhedeiri, 1991.

vi, 175 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Massachusetts Institute of Technology, 1991. - Bibliography: l. 165-171.

1. City planning - Saudi Arabia. 2. Housing - Saudi Arabia. 3. Urbanization - Saudi Arabia. 4. التخطيط المدن والتري - السعودية I. Title

**05893**

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Oh l Al-Ohaly, Khalid Abdulrahman, Nasser.

1984 The interpretation of traditional urbanistic principles to meet present and future needs/ by Khalid A. Al-Ohaly, 1984.

145 leaves : ill. ; 22x28 cm.

Thesis (M.A.) - Harvard University, 1984. - Also available microfiche no. 1638. - Bibliography: l. 129-131.

1. City planning - Saudi Arabia. 2. التخطيط المدن والتري - السعودية I. Title

**05894**

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S 21 Al-Said, Fahad A.M.

1992 Territorial behaviour and the built environment the case study of Arab-Muslim towns, Saudi Arabia/ by Fahad A. M. Al-Said, 1992.

xxiii, 309 leaves : ill ; 30 cm.

Thesis (Ph.D.) - University of Glasgow, 1992. - Bibliography: l. 301-309.

1. City planning - Saudi Arabia. 2. City planning - Saudi Arabia - Climatic factors. 3. Housing - Saudi Arabia. 4 - تخطيط المدن والقرى - السعودية. I. Title

**05895**

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G 559 El-Gohary, Osamah Mohammed Noor

1976 Environment design for Islamic cultural ecology/ by Osamah Mohammed Noor El-Gohary, 1976.

2 v. (xii, 348 leaves.) ; 29 cm.

Thesis (M.Sc.) - University of Notre Dame, 1976. - Also available microfiche no. 1665. - Bibliography: l. 335-348.

1. City planning - Saudi Arabia. 2. Architecture and climate - Saudi Arabia. 3. تخطيط المدن والقرى - السعودية. I. Title

**05896**

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K 965 Kurdi, Talal M. Kamel

1976 Planning and design of the built urban environment in developing tropical and sub-tropical areas, especially for Saudi Arabia/ by Talal M. Kamel Kurdi, 1976.

iii, 138 leaves: ill., maps, plans; 29 cm.

Thesis (M.A.) - University of Miami, 1976. - Also available microfiche no. 1703. - Bibliography: l. 137-138.

1. City planning - Saudi Arabia. 2. Cities and towns - Saudi Arabia. 3. تخطيط المدن والقرى - السعودية. I. Title

**05897**

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M 312 Mandell, Khalid N.

1992 Interpretation of urban design principles in a traditional urban environment:

the role of social values in shaping cities/ by Khalid N. Mandell, 1992.

vii, 120 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Southern California, 1992. - includes bibliographies.

1. City planning - Saudi Arabia. 2. Islamic cities and towns. 3. تخطيط المدن والقرى - السعودية. I. Title

**05898**

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M 88 Mubarak, Faisal Abdul-Aziz

1992 Urbanization, urban policy and city form : urban development in Saudi Arabia/ by Faisal Abdul-Aziz Mubarak, 1992.

vii, 367 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1992. - Bibliography: l. 349-367.

1. City planning - Saudi Arabia. 2. Urbanization - Saudi Arabia. 3. Urban Policy - Saudi Arabia. 4 - تخطيط المدن والقرى - السعودية. I. Title

**05899**

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D 94 Al-Dusari, Abdulaziz N.

1993 Traditional and contemporary residential urban pattern in the hot-arid central region of Saudi Arabia, Riyadh/ by Abdulaziz N. Aldusari, 1993.

xiii, 209 leaves : ill., maps. ; 28 cm.

Thesis (M.A.) - University of Florida, 1993. - Also available microfiche no. 3475. - Bibliography: l. 179-184.

1. City planning - Riyadh. 2. Regional planning - Saudi Arabia - Central region. 3. Housing development - Riyadh. 4. City planning - Saudi Arabia. I. Title

**05900**

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Ot 2 Al-Oteibi, Saud

1991 The impact of the master plan and five year plans on Riyadh, Saudi Arabia's development, 1970-1990/ by Saud Aloteibi, 1991.

vi, 86 leaves : ill. ; 29 cm.



Thesis (M.A.) - University of Akron,  
1991. - Bibliography: l. 72-77.

1. City planning - Riyadh. 2. Public  
administration - Riyadh. I. Title

**05901**

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**B 17 Bakasi, Abdulhamid Abdullah**

1980 Islamic religion and its effect on the  
street pattern/ by Abdulhamid Abdullah  
Bakasi, 1980.

xviii, 164 leaves : ill.

Thesis (M.A.) - Arizona State  
University, 1980. - Also available microfiche  
no. 1969. - Bibliography: l. 149-150.

1. City planning - Riyadh. 2. Streets -  
Riyadh. 3. Islamic architecture. 4. تخطيط المدن  
والقرى - السعودية. I. Title

**05902**

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**D 133 Daghistani, Abdal-Majeed Ismail**

1985 Ar-Riyadh : urban development and  
planning/ Abdal-Majeed Ismail Daghistani.-  
Riyadh : Ministry of Information, 1985.

255 p. : ill. ; 30 cm.

1. City planning - Riyadh. 2. City  
planning - Saudi Arabia. 3. Urbanization -  
Riyadh. 4. Cities and towns - Saudi  
Arabia. I. Title

**05903**

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**D 133 Daghistani, Abdal-Majeed Ismail**

1985 Riyad : developpement et planning  
urbains/ Abdal-Majeed Ismail Daghistani.-  
Riyad : Ministere de l'Information, 1406 H,  
1985.

267 p. : col.ill., maps. ; 29 cm.

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1. City planning - Riyadh. 2. City  
planning - Saudi Arabia. 3. Urbanization -  
Riyadh. 4. Cities and towns - Saudi  
Arabia. I. Title

**05904**

711.40953111

**T 239 Telmesani, Abdullah M. Ali**

1989 Explorations into Urban structure and  
the impact of housing construction  
subsidies on residential location : the case  
of Arriyadh, Saudi Arabia/ by Abdullah  
M. Ali Telmesani, 1989.

xii, 210 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of California  
at Berkely, 1989. - Also available microfiche  
no. 2593. - Bibliography: l. 207-210.

1. City planning - Riyadh. 2. تخطيط  
المدينة والقرى - السعودية. I. Title

**05905**

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**S 55 Sendi, Munir H.**

1983 Urban development in Makkah : urban  
design and development guidelines for the  
central area/ by Munir H. Sendi, 1983.

xiii, 149 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Kansas,  
1983. - Also available microfiche no.  
2412. - Bibliography: l. 147-149.

1. City planning - Makkah al-  
Mukaramah. 2. City planning - Saudi  
Arabia. 3. Regional planning - Makkah al-  
Mukaramah. I. Title

**05906**

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**K 527 Khashugjee, Sameer A.**

1983 Principles and application for Qa'a houses  
in Madina/ by Sameer A. Khashugjee, 1983.

82 p. : ill. ; 21X28 cm.

Thesis (M.Sc.) - Massachusetts  
Institute of Technology, 1983. -  
Bibliography: p. 81-82.

1. City planning - Al-Madina Al-  
Munawarah. 2. Housing - Al-Madina Al-  
Munawarah. 3. Urbanization - Saudi  
Arabia. I. Title

**05907**

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S 13 Al-Swaidan, Zeyad A.

- 1994 Wadi Meah settlements development strategy/ by Zeyad A. Al Swaidan, 1994.  
vi, 118 leaves : col.ill., maps ; 31 cm.  
With Arabic summary. - Thesis (M.Sc.) - King Faisal University, 1994. - Bibliography: l. 117-118.  
1. City planning - Saudi Arabia - Wadi Al-Meah. 2. Regional Planning - Saudi Arabia. I. Title

05908

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A 92 Al-Alwan, Ameer M

- 1985 The urban growth phenomenon in the Middle Eastern city : a case study of growth and change in Hofuf and its major impacts/ by Ameer M. al-Alwan, 1985.  
x, 101 leaves : ill., maps, plans ; 29 cm.  
Thesis (M.A.) - Eastern Washington University, 1985. - Also available microfiche no. 1887. - Bibliography: l. 99-101.  
1. Cities and towns - Saudi Arabia - Al-Hofuf. 2. Urbanization - Saudi Arabia - Al-Hofuf. 3. City planning - Saudi Arabia - Al-Hofuf. 4. City planning - Saudi Arabia - Eastern region. 5. تخطيط المدن والقرى - السعودية - الحفوف. I. Title

05909

711.40953133

H 963 Al-Hussain, Khalid Rashid

- 1994 Reformulating the development plan for Hofuf-Mubarratz urban area/ by Khalid Rashid Al-Hussain, 1994.  
xiv, 102 leaves : ill. (Some col.), maps ; 31 cm.  
With Arabic summary. - Thesis (M.A.) - King Faisal University, 1994. - Bibliography: l. 102  
1. City planning - Saudi Arabia - Al-Hofuf. 2. City planning - Saudi Arabia - Mubarratz. 3. City planning - Saudi Arabia - Al-Ahsa. I. Title

05910

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M 898 Al-Mulhim, Mohammed Ali

- 1993 Urban morphological changes in Hofuf, Saudi Arabia : impact of western planning ideas on traditional housing design/ by Mohammed Ali Al-Mulhim, 1993.  
xi, 156 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Indiana State University, 1993. - Also available microfiche no. 3332. - Bibliography: l. 140-156.  
1. City planning - Saudi Arabia - Al-Hofuf. 2. Housing - Saudi Arabia - Al-Hofuf. 3. City planning - Saudi Arabia. 4. تخطيط المدن والقرى - السعودية - الحفوف. I. Title

05911

711.40953133

Ow 2 Al-Oweid, Abdullah M.

- 1984 Alahsa dwelling unit, Saudi Arabia/ by Abdullah M. Aloweid, 1984.  
71 leaves : ill. ; 22x28 cm.  
Thesis (M.A.) - Tulane University, 1984. - Also available microfiche no. 1647. - Bibliography: l. 71.  
1. City planning - Saudi Arabia - Al-Ahsa. 2. Dwellings - Saudi Arabia - Al-Ahsa. 3. تخطيط المدن والقرى - السعودية - الأحساء. I. Title

05912

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A 35 Al-Arfaj, Khalid Ibrahim

- 1994 Development strategy for coastal settlements of Qatif oasis/ by Khalid Ibrahim Al-Arfaj, [1415] H, 1994  
xvii, 110 leaves : col.ill., maps ; 30 cm.  
With Arabic summary. - Thesis (M.Sc.) - King Faisal University, 1994. - Bibliography: l. 110.  
1. City plan. - Saudi Arabia - Al-Qatif. 2. Regional planning - Saudi Arabia - Al-Qatif. I. Title

05913

711.40953135

G 341 Al-Ghamdi, Shujaa Yahya

1993 Al-Qudaih development plan/ by Shujaa Yahya Al-Ghamdi, 1993.

xii, 127 leaves : ill., maps ; 29 cm.

Thesis (M.A.) - King Faisal University, 1993. - Bibliography: l. 126.

1. City planning - Saudi Arabia - Al-Qatif. 2. تخطيط المدن والقرى - السعودية. I. Title

**05914**

711.40953135

Is 5 Al-Ismail, Ismail Fahed

1994 Development of settlements in the desert region of Qatif oasis/ by Ismail Fahed Al-Ismail, 1994.

xx, 141 leaves : ill., maps ; 30 cm.

With Arabic Summary. - Thesis (M.A.) - King Faisal University, 1994. - Bibliography: l. 140-141.

1. City planning - Saudi Arabia - Al-Qatif. 2. Regional planning - Saudi Arabia - Al-Qatif. I. Title

**05915**

711.40953135

K 929 Al-Kroudi, Ali Abdul Rahman

1994 Al Khowaildia - Al Tobi composite development plan/ by Ali Abdul Rahman Al-Kroudi, 1994.

xi, 130 leaves : col.ill., maps ; 31 cm.

With Arabic summary. - King Faisal University, 1994. - Bibliography: l. 130.

1. Cities and towns - Saudi Arabia - Al-Khowaildia. 2. Cities and towns - Saudi Arabia - Al-Tobi. 3. City planning - Saudi Arabia - Al-Qatif. 4. Regional Planning - Saudi Arabia. I. Title

**05916**

711.40953135

Q 11 Al-Qahtani, Hamad Saad

1994 Integrated development plan for Umm-al-Hammam - Al-Malha and Al-Jish settlements/ by Hamad Saad Al-Qahtani, 1994.

120 leaves : col.ill., maps ; 30 cm.

With Arabic summary. - Thesis (M.Sc.) - King Faisal University, 1994. - Bibliography: l. 120.

1. City planning - Saudi Arabia - Al-Qatif. 2. Cities and towns - Saudi Arabia - Umm-Al-Hamm. 3. Cities and towns - Saudi Arabia - Al-Malha. 4. Cities and towns - Saudi Arabia - Al-Jish. I. Title

**05917**

711.40953135

R 54 Al-Robeian, Abdul Rahman Saleh

1994 Development of settlements in central region of Al Qatif oasis/ by Abdul Rehman Saleh Al Robeian, 1994.

xv, 97 leaves : col.ill., maps ; 31 cm.

With Arabic summary. - Thesis (M.Sc.) - King Faisal University, 1994. - Bibliography: l. 97.

1. City planning - Saudi Arabia - Al-Qatif. 2. Regional planning - Saudi Arabia - Al-Qatif. I. Title

**05918**

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Og 1 Al-Ogaiei, Khalid Nasser

1994 Development of Tarout island (a strategic plan)/ by Khalid Nasser Al-Ogaiei, 1994.

xviii, 137 leaves : col.ill., maps ; 30 cm.

With Arabic summary. - Thesis (M.A.) - King Faisal University, 1994. - Bibliography: l. 134-137.

1. City planning - Saudi Arabia - Taisland. 2. Regional Planning - Saudi Arabia. I. Title

**05919**

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S 33 Al-Salimi, Ibrahim Mohammed

1994 Improvement of urban quality: Thuqbah area/ by Ibrahim Mohammed Al-Salimi, [1415] H, 1994.

v, 83 leaves : col.ill., maps ; 31 cm.

With Arabic summary. - Thesis (M.A.) - King Faisal University, 1994. - Includes bibliography.

1.City planning - Saudi Arabia - Thuqbah. I. Title

**05920**

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S 29 Al-Shayeb, Abdallah A.

1985 Al-Jubail : Saudi village : architectural survey/ Abdallah A. Al-Shayeb.- Doha : The Arab Gulf States Folklore Centre, 1985.

117 p. : ill. ; 28 cm

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1. City planning - Saudi Arabia - Al-Jubail. 2. Architecture - Saudi Arabia - Al-Jubail. 3. Architectural design. 4. Villages - Saudi Arabia. 5. تخطيط - مدينة الجبيل الصناعية. I. Title

**05921**

711.409531394

R 812 Royal Commission for Jubail and Yanbu. 1978 Directorate General for Jubail project

Jubail industrial city : community

plan = مدينة الجبيل الصناعية : تخطيط المنطقة السكنية / Royal Commission for Jubail and Yanbu, Directorate General for Jubail Project. - [S.l.] : The author, 1978.

14 v. : ill., (some col.), maps, plans, ports ; 29 cm.

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1. City planning - Saudi Arabia - Al-Jubail. 2. City planning - Saudi Arabia. 3. City planning - Saudi Arabia - Eastern region. 4. تخطيط - مدينة الجبيل الصناعية. I. Title II. Title: مخطط المنطقة السكنية: مدينة الجبيل الصناعية

**05922**

711.40956

H 285 Al-Hathloul, Saleh Ali

1981 Tradition, continuity and change in the physical environment : the Arab-Muslim city/ by Saleh A. Al-Hathloul, 1981.

xiii, 335 leaves : ill. , 28 cm.

Thesis (Ph.D.) - Massachusetts Institute of Technology, 1981.- Also available microfiche no. 288. - Bibliography: l. 299-313.

1.City planning - Arab countries. 2.City planning - Islamic countries. 3.Housing policy - Arab countries. 4.Housing policy - Islamic countries. 5. تخطيط المدن والقري - العالم العربي. I. Title

**05923**

711.40956

S 23 Al-Shareef, Muhammad Muslat

1986 Islamic tradition : an analysis of its impact on the Islamic city/ by Mohammad Muslat Al-Shareef, 1986.

xi, 205 Leaves ; 30 cm.

Thesis (M. Sc.) - University of Wales, 1986.- Bibliography: l. 199-205.

1. City planning - Islamic countries. 2. City planning - Social aspects - Arab countries. 3. City planning - Saudi Arabia - Al-Taif. 4. Islamic cities and towns. I. Title

**05924**

711.40956

K 526 Khalil, Ahmed Abdulwahab

1994 Muslim cities as a pattern of relationships : house-mosque relationship/ Ahmed Abdulwahab Khalil, 1994.

xix, 545 leaves : ill ; 30 cm.

Thesis (Ph.D.) - University of Edinburgh, 1994. - Bibliography: l. 528-543.

1. City planning - Islamic countries. 2. Islamic architecture. 3. City planning - Jeddah. 4. City planning - Saudi Arabia. 5. تخطيط المدن والقري - السعودية. I. Title

**05925**

711.40956

S 28 Sijeeni, Tariq A.

1995 Contemporary Arabian city : Muslim ummah in sociocultural and design context/ by Tariq A. Sijeeni, 1995.

x, 231 leaves : ill., maps, plans ; 29 cm.

Thesis (Ph.D.)- University of Michigan,  
1995. - Bibliography: l. 225-231.

1. Islamic architecture. 2. Cities and towns - Arab countries 3. City planning - Social aspects - Arab countries. I. Title

**05926**

711.40956

T 239 Telmesani, Abdullah

1985 Islam and cities : an attempt to incorporate Islamic principles into the development of modern Muslim cities/ by Abdullah Telmesani, 1985

121 leaves : ill. ; 22x28 cm.

Thesis (M.Sc.) - Harvard University, 1985. - Also available microfiche no. 1947. - Bibliography: l. 117-121.

1. City planning - Islamic countries.  
2. Islamic architecture. 3. تخطيط المدن والقرى I. Title العالم الاسلامي

**05927**

711.40962

B 54 Al-Bis, Abdul Hameid Ahmed

1985 An energy efficient urban center in the Egyptian desert/ Abdul Hameid Ahmed Albis, 1985.

xvi, 377 leaves : ill., maps, plans ; 22 X 28 cm.

Thesis (Ph.D.)- The Catholic University of America, 1985.- Bibliography: l. 373-377.

1.City planning - Egypt - Climatic factors. 2. Architecture, Domestic - Egypt. 3.Dwellings - Energy conservation - Egypt. I. Title

**05928**

711.40979494

Z 13 Al-Zahrani, Abdul-Khalik M. Kh. A.

1990 Development of a neglected urban area utilizing natural resources by developing a segment of the Los Angeles river channel and its surrounding area/ Abdul-khalik M. Kh. A. Al Zahrani, 1990.

vi, 64 leaves : ill., maps ; 28 cm.

Thesis (M.A.) - University of Southern California, 1990. - Bibliography: l. 62-64.

1. City planning - California - Los Angeles. I. Title

**05929**

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Un 3 University of Petroleum and Minerals.

1985- College of Environmental Design Review: Contemporary and traditional Arabian design. - 1985- = ١٩٨٥ الكتاب السنوي / College of Environmental Design, King Fahd University of Petroleum and Minerals. - Dhahran, Saudi Arabia : UPM, 1986.

v. : ill. ; 29 cm

Annual. - Library has 1985, 1986 and 1988 issues.

1. Architectural design - Environmental aspects - Saudi Arabia - Reviews - Periodicals. I. Title II. Title: الكتاب السنوي : التصميم العربي القديم والحديث

**05930**

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R 942 Al-Ruwaished, Sulaiman A.

1985 An approach to developing Saudi villages/ by Sulaiman A. Al-Ruwaished.- [s.l.] : [s.n.], 1985 .

138 leaves : ill. ; 22X28 cm.

Thesis (M.A.) - Harvard University, 1985. - Also available microfiche no. 1630. - Bibliography: l. 137-138.

1.Villages - Saudi Arabia. 2. City planning - Saudi Arabia. 3. - تخطيط المدن والقرى - السعودية I. Title

**05931**

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S 28 Sijeeni, Tariq A.

1984 Transformation of agricultural village into urban community/ by Tariq Ahmed Sijeeni, 1984.

142 leaves : ill., maps. ; 22X28 cm.

Thesis (M.A.) - Harvard University, 1984. - Bibliography: l. 140-142.

1. City planning - Saudi Arabia.
  2. City planning - Saudi Arabia - Al-Taif.
  3. Urbanization - Saudi Arabia.
  4. Human settlements - Saudi Arabia.
  5. Community development - Saudi Arabia.
  6. Rural development - Saudi Arabia - Al-Taif.
- I. Title

**05932**

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R 812 Royal Commission for Jubail and Yanbu.

1985

**Directorate General for Jubail Project. Public Relations Department**

Islamic architectural features in Madinat Al-Jubail Al-Sinaiyah/ Royal Commission for Jubail and Yanbu, Directorate General for Jubail Project.- Madinat Al-Jubail Al-Sinaiyah : Royal Commission for Jubail and Yanbu, Public Relation Department, 1985.

51 p. : col. ill., map, ports. ; 31 cm.

1. Madinat Al-Jubail Al-Sinaiyah (Saudi Arabia).
2. City planning - Saudi Arabia - Al-Jubail.
3. Cities and towns - Saudi Arabia. I Title II. Title: Madinat al-Jubail al-Sinaiyah

**05933**

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M 724 Mofiti, Farooq Abbas

1978

**The Urbanization in Arabia/ by Farooq Abbas Mofiti, 1978.**

x, 180 leaves : ill., maps ; 28 cm.

Thesis (M.Sc.) - University of Notre Dame, 1978. - Also available microfiche no. 1700. - Bibliography: l. 178-180.

1. Urbanization - Saudi Arabia.
2. City planning - Saudi Arabia.
3. Urbanization - Arabian Peninsula.
4. - تخطيط المدن والقرى - I. Title

**05934**

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A 91 Atwah, Ali Yahya Ali

1992

**Identification and understanding of the cultural landscape of Arabia : case study : Asir region in the Kingdom of Saudi**

Arabia/ Ali Yahya Ali Atwah.- Edinburgh : University of Edinburgh, 1992.

xvi, 348 leaves : ill. (some col.) ; 30 cm.

Thesis (Ph.D.) - University of Edinburgh, 1992. - Bibliography: l. 343-348.

1. Landscape - Saudi Arabia - Planning.
2. Natural history - Saudi Arabia.
3. Landscape - Saudi Arabia - Asir - Planning.
4. المناظر الطبيعية - السعودية. I. Title

**05935**

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S 68 Symposium of the Arab City (1981: Medina)

1981

**The Arab city: its character and Islamic cultural heritage : proceedings of a symposium held in Madina, Kingdom of Saudi Arabia, 28th February - 5th March, 1981 A.D./ edited by Ismail Serageldin, Samir El-Sadek, with the assistance of Richard R. Herbert.- Arlington, Va. : Dr. Ismail Serageldin, 1982.**

xv, 330 p. : col. ill. ; 29 cm.

1. Cities and towns - Civic improvement.
2. City planning.
3. City planning - Saudi Arabia.
4. تخطيط المدن والقرى - العالم العربي. I. Serageldin, Ismail, ed. II. El-Sadek, Samir, ed. III. Herbert, Richard R., ed.

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S 85 Saudi Arabia. Ministry of Industry and [198-]

**Electricity**

Industrial cities/ Kingdom of Saudi Arabia, Ministry of Industry and Electricity.- Riyadh: Industrial Affairs Agency, Industrial cities, [198-].

37 p. : col. ill. ; cm.

1. Industrial districts - Saudi Arabia.
2. Industrial sites - Saudi Arabia.
3. Industries - Saudi Arabia - Location.
4. - البلد الصناعية - السعودية. I. Title

**05937**

711.552209531

Y 1 Yahya, Mohamed Hamid

1979

**The revival of Souk Okaz : criteria and design concept/ by Mohamed Hamid Yahya, 1979.**

ix, 105 leaves : ill., maps ; 29 cm  
Thesis (M.A.)- Arizona State University, 1979. - Also available microfiche no. 1356. - Includes bibliography at the end.

1.Markets - Saudi Arabia - Design and construction 2. Souk Okaz. 3.Markets - Saudi Arabia - Western region - History. 4. سوق عكاظ. I. Title

**05938**

711.55220953111

**A 14 Al-Aiban, Ahmed Abdulaziz**

1980 Urban development for the central business district in Riyadh, Saudi Arabia/ by Ahmed Abdulaziz Al Aiban, 1980.

xi, 116 leaves : ill. ; 29 cm

Thesis (M.A.) - University of Idaho, 1980. - Also available microfiche no. 1672. - Bibliography: I. 115-116.

1. Urban renewal - Riyadh. 2. الرياض تخطيط. I. Title

**05939**

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**S 15 Al-Sadhan, Mosaid Abdullah**

1992 Design of proposed shopping center for commercial development in Riyadh, Saudi Arabia/ by Mosaid Abdullah Al-Sadhan, 1992.

viii, 84 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Minnesota, 1992. - Bibliography: I. 84.

1. Shopping centers - Riyadh - Design and construction. 2. Shopping malls - Riyadh - Design and construction. I. Title

**05940**

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**Z 15 Zamzami, Abdulrahim Jamil**

1990 A comparative study of the retail structure as an approach to contemporary Arabic-Islamic planning/ Abdulrahim Jamil Zamzami, 1990.

vii, 239 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Washington, 1990. - Bibliography: I. 234-239.

1.Shopping centers - Jeddah - Location. 2.Retail trade- Jeddah- Location. 3 Shopping centers- Saudi Arabia - Location. 4.Shopping centers - Location. I. Title

**05941**

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**M 898 Al-Mulhim, Mohammed Ali**

1988 The internal structure of the central business district of Eugene, Oregon : 1949, 1968, and 1987/ by Mohammed Al-Mulhim, 1988.

x, 95 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Oregon, 1988. - Also available microfiche no. 3318. - Bibliography: I. 91-95.

1. Central business districts - Oregon 2.City planning districts - Oregon. 3. تخطيط المدن والقرى - اوريجون. I. Title

**05942**

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**F 175 Al-Faiz, Abdullah I.**

1986 Optimal hospital location a gravity model application for Riyadh, Saudi Arabia/ by Abdullah I. Alfaiz. - San Jose : San Jose State University, 1986.

vi, 123 leaves : ill. ; 28 cm.

Thesis (M.A.) - San Jose State University, 1986.

1.City planning - Saudi Arabia. 2.Hospitals - Saudi Arabia. 3. المستشفيات تخطيط - السعودية. I. Title

**05943**

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**S 21 Al-Sebeal, Rashed**

1992 Strategy for management and preservation of the outdoor recreational resources in Saudi Arabia/ by Rashed Al-Sebeal, 1992.

viii, 94 leaves ; 28 cm.

Thesis (Ph.D.) - Ohio State University, 1992. - Bibliography: I. 92-94.

1. Recreation areas - Saudi Arabia . 2.Recreation areas - Saudi Arabia - Management. 3. الترفيه - السعودية. I. Title

**05944**

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B 299 Basuleiman, Ahmed Omer A.

1989 Prototype model of regional recreational development on the site of Wadi Hanifa, Riyadh, Saudi Arabia/ by Ahmed Omer A. Basuleiman, 1989.

xxii, 171 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Southern California, 1989. - Also available microfiche no. 2683. - Bibliography: l. 167-171.

1. Recreation areas - Riyadh - Planning. 2. Recreation areas - Saudi Arabia - Wadi Hanifa - Planning. 3. ترفيه - مسودة. I. Title

05945

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A 32 Al-Abdullah, Mohammed Masoud

1991 Saudi outdoor recreational needs : a case study of Dammam metropolitan coastal area/ by Mohammed Masoud Al-Abdullah, 1991.

xii, 136 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Faisal University, Dammam, 1991. - Bibliography: l. 90-91.

1. Recreation areas - Dammam - Case studies. 2. Recreation centers - Dammam - Case studies. 3. Outdoor recreation - Dammam - Case studies. 4. Landscape gardening - Dammam. 5. Recreation areas - Saudi Arabia - Case studies. 6. الترفيه - الدمام. I. Title

05946

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K 849 Al-Kowsi, Fahad N.

1982 The Half Moon Bay Oasis: a contemporary design for tourist accommodation and activities/ by Fahad N. Al-Kowsi, 1982.

64 leaves : ill. ; 22X29 cm.

Thesis (B.Sc.) - University of Idaho, 1982. - Also available microfiche no. 1946. - Bibliography: l. 64.

1. Architecture - Details. 2. Tourist camps, hostels, etc. - Saudi Arabia - Design and plans. 3. Recreation areas - Saudi Arabia - Designs and plans. 4. Half Moon Bay.

5. Recreation areas - Saudi Arabia - Dhahran - Design and plans. 6. شاطئ نصف القمر. I. Title

05947

711.570953131

G 341 Al-Ghamdi, Ghazi

1989 Cultural center, Dammam in Kingdom of Saudi Arabia/ by Ghazi Al-Ghamdi, 1989.

vi, 41 leaves : ill., map. ; 29 cm.

Thesis (M.Sc.) - Illinois Institute of Technology. - Also available microfiche no. 2570. - Bibliography: l. 41.

1. Cultural Center (Dammam) - Design and construction. 2. Architecture - Dammam. 3. Saudi Arabia - Cultural policy. 4. Cultural parks - Dammam - Design and construction. I. Title

05948

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A 22 Akbar, Jamel A.

1984 Responsibility and the traditional Muslim built environment/ by Jamel A. Akbar, 1984.

vii, 466 p. : ill. ; 28 cm.

Thesis (Ph.D.) - Massachusetts Institute of Technology. - Also available microfiche no. 992. - Bibliography: p. 461-466.

1. City planning. 2. Islamic architecture. 3. Property (Islamic law). 4. Responsibility. 5. تخطيط المدن والقرى. I. Title

05949

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S 51 Abu-Sulaiman, Abdulaziz M.

1988 Design principles for good site planning : the case of high density low rise urban housing by Abdulaziz M. Abu-Sulaiman, 1988.

73 leaves : ill. ; 22X35 cm.

Thesis (M.A.) - University of Pennsylvania, 1988. - Bibliography: l. 72-73.

1. Housing management - Saudi Arabia. 2. City planning - Saudi Arabia. 3. Building sites - Saudi Arabia - Planning. 4. المساكن - مسودة. I. Title

05950



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M 725 Al-Mogren, Abdulaziz Mohammed. Bin Ayyaf  
1987

Housing surplus in Saudi Arabia : observations, recommendations and alternatives for the use of the high-rise public housing projects/ by Abdulaziz M. Bin Ayyaf Al-Mogren, 1987.

90 leaves : ill. ; 27 cm.

Thesis (M.A.)- University of Pennsylvania, 1987.- Also available microfiche no. 2032. - Bibliography: l. 87-90.

1. Housing - Saudi Arabia. 2. Housing management - Saudi Arabia. 3. City planning - Saudi Arabia. 4. الإسكان - السعودية. I. Title

**05951**

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N 86 Al-Nowaiser, Mohamed Abdullah

1983 The Role of traditional and modern residential rural settlements on the quality of environmental experience : a case study of Unyzeah and new Alkabrah in Saudi Arabia/ by Mohamed Abdullah Alnowaiser, 1983.

xviii, 425 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Southern California, 1983.- Also available microfiche. 491. - Bibliography: l. 418-427.

1. Housing, Rural - Saudi Arabia - Unayzah. 2. Housing development - Saudi Arabia - Unayzah. 3. Housing, Rural - Saudi Arabia - Al-Kabra. 4. Housing development - Saudi Arabia - Al-Kabra. 5. Housing rehabilitation - Saudi Arabia - Unayzah. 6. Housing - Saudi Arabia - Al-Kabra. 7. الإسكان - السعودية. I. Title

**05952**

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A 41 Ali, Ahmed Hassan Ahmed

1983 Location problems/ Ahmed Hassan Ahmed Ali, 1983.

iii, 94 leaves : tables; ill. ; 30 cm.

Thesis (M.Sc.)- University of Liverpool - 1983. - Bibliography: p. 91-94.

1. Public utilities - Mathematical models. 2. Public utilities - Data processing. I. Title

**05953**

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S 13 Al-Skait, Khalid

1993 Ring road development and vacant lands Riyadh, Saudi Arabia / by Khalid Alskait, 1993.

xiii, 292 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of British Columbia, 1993. - Bibliography: l. 248-258.

1. City planning - Riyadh. 2. Beltways - Riyadh. 3. Cities and towns - Saudi Arabia - Growth. 4. Land use, Urban - Riyadh. I. Title

**05954**

711.740953111

G 341 Ghadorah, Hamed M.

1986 Proposal for a transitway/mall in downtown Riyadh, Kingdom of Saudi Arabia/ by Hamed M. Ghadorah, 1986.

102 leaves : ill., maps ; 28 cm.

Thesis (M.A.) - University of Colorado, 1986. - Also available microfiche no. 2403. - Bibliography: l. 99-101. - Pages 1 to 19 missing.

1. Shopping malls - Riyadh. 2. Local transit - Riyadh. 3. Personal rapid transit - Riyadh. 4. City planning - Riyadh. I. Title

**05955**

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K 526 Al-Khabbaz, Ahmad Abdalla

1987 Modeling aviation facilities impact on residential property values/ by Ahmad Abdalla Al-Khabbaz, 1987.

xv, 211 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Arizona, 1987. - Also available microfiche no. 2008. - Bibliography: l. 207-211.

1. Airports - Planning. 2. Airports - Environmental aspects. 3. Airport noise. 4. Airports - Landscape architecture. 5. المطارات - تخطيط. I. Title

**05956**

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G 317 Germeraad, Pieter W.

- 1986 Introduction to landscape design in Saudi Arabia : student manual/ Pieter W. Germeraad.- Dhahran : King Fahd University of Petroleum and Minerals, 1986.

139 p. : ill. ; 28 cm.

Bibliography: p. 136-139.

1. Landscape architecture - Saudi Arabia. I. Title

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R 426 Ricks, Geoff

- 1992 Landscape plant manual for Saudi Arabia/ Geoff Ricks.- Jeddah : Scientific Publishing Centre, King Abdulaziz University, 1992.

xxi, 367 p. : col.ill., map. ; 29 cm.

Bibliography: p. 289-292. - Includes index.

1. Landscape architecture - Saudi Arabia. 2. Landscape gardening - Saudi Arabia. 3. Ornamental woody plants - Saudi Arabia. 4. المناظر الطبيعية - السعودية. I. Title II. Title. Title: Plant manual for Saudi Arabia

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H 372 Al-Hemiddi, Nasser A.M.

- 1988 The development of Saiah park, an urban Park in Riyadh, Saudi Arabia, with emphasis on solving problems with the picnic area of the families' park/ by Nasser A. M. Al-Hemiddi.- 1988.

x, 180 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Southern California, 1987. - Also available microfiche no. 2075. - Bibliography: l. 164-166.

1. Parks - Riyadh. 2. Landscape gardening - Riyadh. 3. الحدائق العامة - الرياض. I. Title

05959

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B 147 Bahammam, Omar Salem Omar

- 1995 The social needs of the users in public open spaces : the involvement of socio-cultural aspects in landscape design of the outdoor urban environment in Ar-Riyadh, Saudi Arabia/ Omar Salem Omar Bahammam, 1995.

xv, 317 leaves : ill., maps ; 29 cm.

Thesis (Ph.D.) - University of Edinburgh, 1995. - Bibliography: l. 306-317.

1. Landscape architecture - Riyadh. 2. Gardens - Riyadh. 3. Design. 3. Public spaces - Riyadh. 4. Landscape gardening - Saudi Arabia. I. Title

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Og 1 Al-Ogatel, Mishal N.

- 1994 Appropriate water features in the Saudi Arabian urban landscape : a case study in Dammam metropolitan area/ Mishal N. Al-Ogatel, 1994.

2 v. in 1 : ill. ; 30 cm.

Thesis (M.Sc.) - King Faisal University, 1994. - Includes bibliographical references.

1. Landscape architecture - Dammam. 2. Water in landscape architecture - Dammam. 3. Landscape assessment - Dammam. 4. Water in landscape architecture - Saudi Arabia. 5. Landscape architecture - Saudi Arabia. 6. المناظر الطبيعية - الدمام. I. Title

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S 85 Saudi Arabia. Ministry of Agriculture and Water

- 19- National parks/ Ministry of Agriculture and Water.- Riyadh : Ministry of Agriculture and Water, 19-.

18, 18 p. : ill., maps, ports. ; 27 cm.

Text in English and Arabic.

1. National parks and reserves - Saudi Arabia. 2. Natural monuments - Saudi Arabia. 3. Parks - Saudi Arabia. 4. الحدائق العامة - السعودية. I. Title II. Title

05962

720.28553

T 13 Taher, Khalid Abdul-Gader

1991 ValuExpert : a knowledge-based system for value engineering in building design/ by Khalid Abdul-Gader Taher, 1991.

xii, 168 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1991. - Bibliography: l. 131-137.

1. Architecture - Data processing. 2. Computer-aided design. 3. ValuExpert (Computer program). 4. Value analysis (Cost control). 5. المباني - معالجة - العمارة. I. Title

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A 32 Abdul Wahed, Mohiuddin Moh'd

1987 Elfalougi dictionary of architecture and civil engineering : English-Arabic/ by Mohiuddin Moh'd Abdul Wahed.- Riyadh: M.M. Abdul Wahed, 1987.

447 p. : ill. ; 25 cm.

1. Architecture - Dictionaries. 2. Civil engineering - Dictionaries. 3. معاجم - العمارة. I. Title

05964

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J 287 Al-Jared, Mohammad A.

1991 Wind-induced convection in courtyards in hot arid climates/ by Mohammad A. Al-Jared, 1991.

xvi, 217 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Michigan, 1991. - Bibliography: l. 211-17.

1. Architecture - Environmental aspects - Arid regions. 2. Organic architecture. 3. Courtyards - Environmental aspects - Arid regions. 4. العمارة. I. Title

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J 592 Al-Jofi, Egal K.

[198-] Heat gain resistance through envelop structure for residential in hot dry climates/ Egal K. Aljofi, [198-].

104 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Colorado, [198-]. - Includes bibliography.

1. Architecture and climate - Saudi Arabia. 2. Architecture - Arid regions - Saudi Arabia. I. Title

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T 329 Tharwa, Abdulla Ali

1980 The climate of Saudi Arabia and it's relationship to architecture/ by Abdulla Ali Tharwa.- [s.l.] : [s.n.], 1980.

xiii, 171 leaves : ill. ; 28 cm.

Thesis (Master of Architecture) - University of Idaho, 1980. - Bibliography: l. 171. - Also available microfiche no. 1820.

1. Architecture and climate - Saudi Arabia. 2. العمارة السعودية. I. Title

05967

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H 963 Al-Hussayen, Abdullah S.

1987 The impact of climate through building design on human psychological behavior in hot-arid areas (case study : Najd region in Saudi Arabia)/ by Abdullah S. Al-Hussayen, 1987.

2 v. (xv, 187 leaves) : ill. ; 28 cm.

Thesis (M.A.) - University of Idaho, 1987. - Also available microfiche no. 744. - The first copy is in two volumes. - Bibliography: l. 185-187.

1. Architecture - Saudi Arabia - Central region. 2. Architecture - Arid regions - Saudi Arabia. 3. Architecture - Environmental aspects - Saudi Arabia. 4. العمارة السعودية. I. Title

05968

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Z 84 Zuhair Fayeze/ Zuhair Fayeze.- Jeddah:

[199-?] Zuhair Fayeze and Associates Architectural and Engineering Consultants, [199?].  
ca. 22 p. : col. ill. ; 32 cm.

Text in English and Arabic; with Arabic title at endpaper زهير فاضل.

1. Architecture, Modern - Saudi Arabia.
2. العمارة الحديثة - السعودية. I. Zuhair Fayeze and Associates, corp.

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D 94 Al-Dusari, Abdulaziz N.

- 1995 Neotraditional urban paradigm for Saudi Arabia/ by Abdulaziz N. Aldusari, 1995.

xvii, 319 leaves : ill., maps ; 28 cm.  
Thesis (Ph.D.) - University of Florida, 1995. - Also available microfiche no. 3724. - Bibliography: l. 309-318.

1. Architecture - Human factors - Saudi Arabia.
2. Urbanization - Economic aspects - Saudi Arabia.
3. Urbanization - Social aspects - Saudi Arabia.
4. City planning - Saudi Arabia. I. Title

**05970**

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D 149 Dakhil, Azzam M.

- 1985 A study of the rapid architectural change in Saudi Arabia/ by Azzam M. Dakhil. - 1985.

xi, 137 leaves : ill. ; 29 cm.

Thesis (M.A.) - California polytechnic State University, 1985. - Also available microfiche no. 558. - Bibliography: l. 134-137.

1. Architecture - Saudi Arabia.
2. Architecture, modern - Saudi Arabia.
3. العمارة. I. Title

**05971**

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F 294 Fayeze, Zuhair H.

- 1988 Saudi Arabia : a cultural perspective/ Zuhair H. Fayeze. - Jeddah : Zuhair H. Fayeze, 1988.

[78] p. : ill. ; 33 cm.

1. Architecture - Saudi Arabia - Pictorial works.
2. Architecture - Saudi Arabia - Pictorial works.
3. Architecture

and society - Saudi Arabia. 4. العمارة and society - السعودية. I. Zuhair Fayeze and Associates, corp. II. Title

**05972**

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A 75 Abolnour, Mohammad Mahmoud

- 1994 The relationship of fee structure in engineering offices and design deficiency/ Mohammad Mahmoud Abolnour, 1994.

x, 123 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1994. - Bibliography: l. 102-106.

1. Architectural design - Quality control.
2. Architectural practices - Costs.
3. Architects - Fees.
4. Building - Details.
5. Engineering. I. Title

**05973**

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T 183 Al-Tassan, Abdulrahman Abdullah

- 1995 An investigation of the role of implicit and explicit constraints in indexcase-based architectural systems/ by Abdulrahman Abdullah Al-Tassan, 1995.

x, 211 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1995. - Bibliography: l. 200-211.

1. Architectural design.
2. Architectural design - Methodology. I. Title

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A 89 Abstracts of the papers for the conference on the preservation of architectural heritage of Islamic cities/ Conference Organizing Bodies : Arab Towns Organization ... [et al.] - Riyadh: Arab Urban Development Institute, 1985.

vi, 130 p. ; 30 cm.

1. Islamic architecture - Congresses.
2. Islamic cities and towns - Conservation and restoration - Congresses. I. Arab Towns Organizing, corp.

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B 231 Barashi, Sadakah A.

1982 Transformation in Islamic religious architecture : an anthropological perspective/ by Sadakah A. Barashi, 1982.

xv, 131 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Alabama, 1982. - Also available microfiche no. 1354. - Bibliography: l. 129-131.

1. Islamic architecture. 2. Islamic architecture - Egypt 3. Islamic architecture - Middle East. 4. Islamic architecture - Saudi Arabia. 5. Islamic architecture - Turkey. 6. العمارة الإسلامية I. Title

05976

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C 76 Conference on the Preservation of Architectural Heritage of Islamic Cities (1985 : Istanbul, Turkey)

Preservation of Islamic architectural heritage : proceedings of the Conference on the Preservation of Architectural Heritage of Islamic Cities, 22-26 April, 1985, Istanbul, Turkey.- Riyadh : Arab Urban Development Institute, 1988.

vi, 393 p. : ill. (some col.), maps, plans; 28 cm. Includes bibliographical references.

1. Islamic architecture - Congresses. 2. Islamic cities and towns - Conservation and restoration - Congresses. 3. العمارة الإسلامية مؤتمرات I. Arab Urban Development Institute, Riyadh, corp. II. Title

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H 127 Hakeem, Loai R.

1989 Islamic architecture between realities and misconception/ by Loai R. Hakeem, 1989.

viii, 116 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Miami, Coral Gables, 1989. - Also available microfiche no. 2571. - Bibliography: l. 111-115.

1. Islamic architecture. 2. العمارة الإسلامية I. Title

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S 52 Sembawa, Essam Adel

1987 Islamic center design : a personal approach to the design of the Washington Islamic Center/ Essam Adel Sembawa, 1987.

iv, 90 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of Maryland, 1987. - Bibliography: l. 89-90.

1. Islamic architecture. 2. Housing - Religious aspects - Islam. 3. Washington Islamic Center. I. Title

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In 8 International Commission for the Preservation of Islamic Cultural Heritage (ICPICH)

King Fahd Award for design and research in Islamic architecture, 1985-1986/ International Commission for the Preservation of Islamic Cultural Heritage.- [Riyadh]: International Commission for the Preservation of Islamic Cultural Heritage, 1986.

84 p. : ill. (some col.), maps, plans, ports. ; 30 cm.

1. Islamic architecture. 2. King Fahd Award. 3. Architecture, Oriental. 4. جائزة الملك فهد للعمارة الإسلامية I. Title II. Design and research in Islamic architecture, 1985-1986

05980

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S 32 Al-Saleem, Yousef Abdullah

1992 Evaluating the performance of government office buildings from the users perspective : a case study of the Ministry of Foreign Affairs headquarters building in Saudi Arabia/ by Yousef Abdullah Al-Saleem, 1992.

xiii, 176 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Texas A and M University, 1992. - Bibliography: l. 151-156.

1. Public buildings - Saud Arabia - Planning. 2. Public architecture - Saudi Arabia. I. Title

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**S 32 Speerplan Regional und Stadtplaner.  
Managing Consultant**

1978 Riyadh Diplomatic Quarter master plan : final report/ Speerplan Regional- und Stadtplaner. Managing Consultant.- Riyadh: Speerplan Regional-Und Stadtplaner Managing Consultant,1978.

571 p. in various pagings : ill. ; 29 cm.

Presented to High Executive Committee, Bureau for the Project of Ministry of Foreign Affairs and Diplomatic Quarter. - At head of title : Kingdom of Saudi Arabia.

1. Embassy buildings - Saudi Arabia - Design and plans. 2. Riyadh Diplomatic Quarters - Buildings - Design and plans. I. Saudi Arabia. Ministry of Foreign Affairs and Diplomatic Quarter. Project Bureau, corp. II. Title

**05982**

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**S 58 Sanli, H. Ibrahim**

1993 Planning for the location of fire service facilities/ H. Ibrahim Sanli and Faisal M. Tamimi.- Riyadh : Arab Security and Training Center, 1993.

160 p. : ill. ; 23 cm.

Bibliography: p. 155-160.

1. Fire stations - Buildings. I. Tamimi, Faisal M.,ja. II. Title

**05983**

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**S 31 Salagoor, Jamaludden**

1985 Arab Suqs . changes and continuity of the organization, function and characteristics, with a case study of development in the Suq area at Al-Hofuf, Saudi Arabia/ by Jamaludden Yousef Salagoor,1985.

vi, 170 leaves : ill. ; 22X29 cm.

Thesis (M.A.) - University of Arizona, 1985. - Also available microfiche no. 2415. - Bibliography: l. 169-70

1. Markets - Saudi Arabia - Design and

construction. 2. Markets - Saudi Arabia - Al-Hofuf - Design and construction. 3. Market-places - Saudi Arabia - Al-Hofuf. I. Title

**05984**

725.23

**G 189 Al-Garny, Ali Mohammad**

1992 Systems integration of buildings : performance evaluation/ by Ali Mohammad Al-Garny,1992

xx, 222 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Faisal University, 1992. - Bibliography: l. 181-185.

1.Office buildings - Evaluation. 2.Commercial building- Evaluation. 3.Architecture. 4. المباني التجارية. I. Title

**05985**

725.23

**R 116 Al-Raddadi, Talal Abdullrhman**

1995 The relationship of workstation translucent panels, workstation layout, and ceiling height to daylight penetration and uniformity in offices/ by Talal Abdullrhman Al-Raddadi, 1995.

xvii, 166 leaves : ill. ; 28 cm.

Thesis (Ph.D.)- University of Minnesota, 1995. - Also available microfiche no. 3650. - Bibliography: l. 150-158.

1.Office buildings - Lighting. 2.Daylighting. I. Title

**05986**

725.230285633

**A 52 Ahmed, Rabee Mohamed Reffat**

1994 Development of an expert system for evaluating the environmental quality of office buildings/ Rabee Mohamed Reffat Ahmed,1994.

xiv, 248 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals. - Bibliography: l. 242-248.

1.Office buildings- Design and construction - Environmental aspects. 2.Building, Iron and steel. 3. Structural analysis (Engineering) - Data processing. I. Title

**05987**

725.2309531

Q 12 Al-Qahtani, Ali Saeed

1993 Subjective assessment of indoor air quality in office buildings/ by Ali Saeed Al-Qahtani, 1993.

xii, 173 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Fahd University of Petroleum and Minerals, 1993. Bibliography: l. 171-173.

1. Office buildings - Health aspects - Saudi Arabia. 2. Air quality - Saudi Arabia. 3. Air - Pollution - Saudi Arabia. 4. المباني التجارية - السعودية. I. Title

05988

725.230953131

S 14 Al-Shaibani, Khaled Asker

1992 Daylighting of office buildings in the Dammam area/ by Khaled Asker Al-Shaibani, 1992.

ix, 133 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Faisal University, 1992. - Bibliography: l. 126-132.

1. Daylighting - Specifications - Saudi Arabia. 2. Daylighting - Specifications - Dammam. I. Title

05989

725.237

R 116 Al-Raddadi, Talal Abdullrhman

1990 A daylighting application for an office environment/ by Talal Abdullrhman Alraddadi, 1990.

99 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - University of Minnesota, 1990. - Also available microfiche no. 2971. - Bibliography: l. 85.

1. Daylighting - Environmental aspects. 2. Office buildings - Lighting - Environmental aspects. I. Title

05990

725.2956

N 17 Al-Naser, Ali Salman

1985 Middle Eastern souks : an analytical study otheir future trends/ by Ali Salman Al-Naser, 1985.

vii, 142 leaves : ill. ; 28 cm.

Thesis: (M.A.) - University of Washington, 1985.

1. Markets - Middle East. 2. الأسواق الشرق الأوسط. I. Title

05991

725.39531

E 37 Alesifeer, Ali Salem

1987 Spatial transferability of trip generation models/ by Ali Salem Alesifeer, 1987.

xi, 150 p. : ill. ; 28 cm.

Thesis: (Ph.D.) - University of Colorado, 1987.

1. Environmental Engineering - Saudi Arabia. 2. الهندسة البيئية. I. Title

05992

725.510953111

Z 13 Zainy, Zainy M. Ali

1993 Primary care health centres: exploring the interface between patients overall satisfaction with the primary health care environment, environmental factors, and non-environmental factors : case study : Arriyadh City, Saudi Arabia/ Zainy M. Ali Zainy, 1993.

xxiii, 452 leaves: ill., maps, plans; 30 cm.

Thesis (Ph.D.) - Strathclyde University, 1993. - Bibliography: l. 438-452.

1. Health facilities - Riyadh. 2. Health facilities - Saudi Arabia. 3. Health service areas - Riyadh. 4. Environmental health - Planning - Riyadh. 5. المستوصفات السعودية. I. Title

05993

725.6

Is 3 Ishteeaque, Ellahi M.

1988 Correctional architecture : design guidelines, inmates housing, security and rehabilitative specifications for prisons/ Ellahi M. Ishteeaque.- Riyadh : Arab Security Studies and Training Center, 1988.

117 p. : ill., maps, plans ; 23 cm.

Bibliography: p. 115-117.

1. Prisons - Design and construction. 2. Correctional institutions - Design and construction. 3. Jails - Buildings. 4. Prisons - Saudi Arabia. 5. السجون - مبان - السعودية. I. Title

05994

25.8270953111

- 1528 Riyadh International Stadium [video recording]/ joint venture : Bovis International Ltd.; P.H. Holzmann. - Riyadh: Bovis and Holzmann, [198-]. 1 video cassette (ca.40 min.) : sd, col. 1. Riyadh International Stadium. 2. Stadiums - Saudi Arabia. 3. King Fahd International Stadium. 4. استاد الملك فهد. I. الدري. J. Bovis International, Ltd., corp. II. P.H. Holzmann, corp.

05995

25.830285633

526 Khaiyat, Sami Abdulrahman

- 989 Sound6 : an expert system for the conceptual architectural design of lecture halls/ Sami Abdulrahman Khaiyat, 1989. x, 96 leaves ; 28 cm. Thesis (M.Sc.) - California Polytechnic State University, 1989. Bibliography: l. 43-44. 1. Auditoriums. 2. Architectural acoustics - Data processing. I. Title

05996

26.1

559 El-Gohary, Osamah Mohammed Noor

- 984 Mosque design in light of psycho-religious experience/ by Osamah Mohammed Noor El-Gohary, 1984. xxi, 553 leaves : ill. ; 28 cm. Thesis (Ph.D.) - University of Pennsylvania, 1984. - Also available microfiche no. 981. - Bibliography: l. 538-553. 1. Mosques. 2. Islamic architecture. 3. المساجد. I. Title

05997

726.11

R 812 Royaume d'Arabie Saoudite. Ministère de l'Information

- [1962] Gravaux d'agrandissement de la mosquée du Prophète à Médine et de la grande mosquée à la Mecque/ Ministère de l'Information. - Riyadh: Ministry of Information, Kingdom of Saudi Arabia, [1962]. [48] p. : col. ill., ports. ; 24 cm.

1. Al-Masjid Al-Haram (Holy Mosque in Makkah) - Buildings. 2. Al-Masjid Al-Nabawi (Holy Mosque in Madina) - Buildings. 3. Holy Mosques (Al-Haram Al-Sharifan) - Buildings. I. Title II. Series

05998

726.11

R 812 Royaume d'Arabie Saoudite. Ministère de l'Information. Affaires d'Information. Information Interieure

- Au Service des hôtels du Célément/ Ministère de l'Information, Affaires d'Information, Information Interieure. - Riyadh: Ministère de l'Information, Royaume d'Arabie Saoudite, 1991.

180 p. : col. ill., ports. ; 24 cm.

1. Al-Masjid Al-Haram (Holy Mosque in Makkah). 2. Al-Masjid al-Nabawi (Holy Mosque in Madina). 3. Makkah Al-Mukaramah - Bibliography. 4. المساجد السعودية

05999

726.11

S 85 Saudi Arabia. Ministry of Information

- 19- Enlargement of the Prophet's Mosque at Medina and the Great Mosque in Mecca/ Kingdom of Saudi Arabia, Ministry of Information. - Riyadh : Ministry of Information, 19-. v. : col. ill., ports. ; 24 cm. Library has book: 1. 1. Al-Haram Al-Sharifan (Holy Mosques) - Buildings - Additions. 2. Al-



Masjid al-Haram (Holy Mosques in Makkah) - Buildings - Additions. 3. Al-Masjid al-Nabawi (Holy Mosque in Madina) - Buildings - Additions. 4. الحرمان الشريفان - توسعة. I. Title

**06000**

726.11

**S 85 Saudi Arabia. Ministry of Information**

[19-] Expansion of al-Haramayn al-Sharifeyn/ Kingdom of Saudi Arabia, Ministry of Information.- [Riyadh] : Ministry of Information, [19-].

ca. 75 p.: ill (some col.), maps, ports.; 22 cm.

1. Al-Haraman Al-Sharifan (Holy Mosques) - Buildings - Additions. 2. Al-Masjid al-Haram (Holy Mosques in Makkah) - Buildings - Additions. 3. Al-Masjid al-Nabawi (Holy Mosque in Madina) - Buildings - Additions. 4. الحرمان الشريفان - توسعة. I. Title

**06001**

726.11

**S 85 Saudi Arabia. Ministry of Information**

[19-] L' expansion of al-Haramayn al-Sharifeyn/ Kingdom of Saudi Arabia, Ministry of Information.- [Riyadh] : Ministry of Information, [19-].

ca. 75 p.: col.ill., maps, ports.; 22 cm.

1. Al-Haraman Al-Sharifan (Holy Mosques) - Buildings - Additions. 2. Al-Masjid al-Haram (Holy Mosques in Makkah) - Buildings - Additions. 3. Al-Masjid al-Nabawi (Holy Mosque in Madina) - Buildings - Additions. 4. الحرمان الشريفان - توسعة. I. Title

**06002**

726.11

**S 85 Saudi Arabia. Ministry of Information .**

1991 **Information Affairs. Internal Information**

At the service of Allah's guests/ Kingdom of Saudi Arabia, Ministry of

Information, Information Affairs, Internal Information.- Riyadh : Ministry of Information, 1991.

176 p. - col. ill., ports.; 24 cm.

1. Al-Haraman Al-Sharifan (Holy Mosques) - Buildings - Additions. 2. Al-Masjid al-Haram (Holy Mosques in Makkah) - Buildings - Additions. 3. Al-Masjid al-Nabawi (Holy Mosque in Madina) - Buildings - Additions. 4. المساجد - السعودية. I. Title

**06003**

727.09531

**S 44 Al-Soliman, Tarik Mohammed Akeel**

1981 School buildings for boys' general education in Saudi Arabia : present functioning, future demands and proposed alternatives under conditions of social change/ Tarik Mohammad Akeel Al-Soliman, 1981.

2 v. : ill.; 28 cm.

Thesis (Ph.D.) - University of Michigan - 1981. - Bibliography: l. 502-506.

1. School buildings - Saudi Arabia . 2. Architecture - Saudi Arabia. I. Title

**06004**

727.10953111

**M 725 Al-Mogren, Abdul Aziz Saad Hamad**

1992 A humanistic approach to educational planning : understanding user needs in elementary school building in Riyadh, Saudi Arabia/ by Abdul Aziz Saad Hamad Al-Mogren, 1992.

xiii, 315 leaves : ill.; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1992. - Bibliography: l. 311-315.

1. Elementary school buildings - Riyadh. 2. School buildings - Riyadh. 3. المدارس - مبانى - الرياض. I. Title

**06005**

727.20953111

**S 31 Al-Salafi, Jameel Mohammed**

1984 School buildings for males in the Kingdom of Saudi Arabia : their problems

and solutions : a case study of secondary schoolbuildings in the city of Riyadh/ by Jameel Mohammed Al-Salafi.-1984.

xiii, 169 leaves : ill. ; 29 cm.

Thesis (M.A.) - University of Idaho, 1984. - Bibliography: l. 168-169. - Also available microfiche no. 1906.

1. High school - Buildings - Riyadh.
2. School buildings - Riyadh. 3. المدارس للمدرسة. I. Title

**06006**

727.2095313

F 221 Al-Faraidy, Faris A.

1993 An evaluation of the performance of public high school buildings in the eastern province/ by Faris A. Al-Faraidy, 1993.

ix, 163 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - King Faisal University, 1993. - Bibliography: l. 115-120.

1. School buildings - Saudi Arabia - Evaluation.
2. School buildings - Saudi Arabia - Eastern province - Evaluation.
- I. Title

**06007**

727.30953111

S 83 Shraim, Mohammed A.

1991 Cross-cultural architecture : a case study of cross-cultural differences on the design of the new campus of King Saud University/ by Mohammed A. Shraim, 1991.

ix, 125 leaves ; 28 cm.

Thesis (M.A.) - University of Kansas, 1991. - Bibliography: l. 119-125.

1. Universities and colleges - Riyadh - Buildings.
2. King Saud University - Buildings.
3. Architecture - Saudi Arabia.
4. جامعة الملك سعود - مباني. I. Title

**06008**

728.0289

Is 3 Ishteaque, Ellahi M.

1993 Defensible design in residential urban architecture/ Ellahi Ishteaque.- Riyadh : Arab Security Studies and Training Center, 1993.

99 p. : ill. ; 24 cm.

Bibliography: p. 99.

1. Dwellings - Security measures.
2. Burglary protection. I. Title

**06009**

728.09531

M 724 Mofit, Farooq Abbas

1981 Urban housing design in the context of Saudi Arabia's cultural and physical conditions : potentials and const/ by Farooq Abbas Mofit, 1981.

xii, 294 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Rensselaer Polytechnic Institute, Troy, New York, 1981. - Also available microfiche no. 1088. - Bibliography: l. 189-95.

1. Housing - Saudi Arabia - Design and construction - Environmental aspects.
2. Architectural design - Environmental aspects - Saudi Arabia.
3. المساكن - السعودية - تصميم
- I. Title

**06010**

728.09531

S 29 Shaye, Abdulaziz Mohammed

1984 Innovations and transferability in housing: the case of Saudi Arabia/ by Abdulaziz Mohammed Shaye, 1984.

xiv, 309 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of California, 1984. - Bibliography: l. 305-309. - Also available microfiche no. 142.

1. Housing - Saudi Arabia.
2. Housing - Resident satisfaction - Saudi Arabia.
3. Dwellings - Social aspects - Saudi Arabia.
4. Sociology, Urban - Saudi Arabia.
5. Architecture - Saudi Arabia.
6. الإسكان - السعودية
- I. Title

**06011**

728.09531191

D 149 Al-Dakheel, Raeyd Mansor

1995 Residents satisfaction with public housing : the case study of Buraidah public housing development in Saudi Arabia/ by Raeyd Mansor Aldakheel, 1995.

x, 273 leaves : ill. ; 29 cm.

Thesis (Ph.D.)- Michigan, 1995. - Also available microfiche no. 3671. - Bibliography: 1. 265-273.

1. Architecture, Domestic - Saudi Arabia - Buraidah. 2. Public housing - Saudi Arabia. 3. Public housing - Saudi Arabia - Buraidah. 4. البريدة (السعودية). I. Title

**06012**

728.0953123

J 41 Jenaideb, Abdullah S. S.

1993 Dwellings and dwellers of a contemporary Madina/ Abdullah S.S. Jenaideb, 1993.

xvi, 302 leaves : ill., maps. ; 30 cm.

Thesis (Ph.D.) - University of Strathclyde, 1993. - Bibliography: 1. 298-302.

1. Dwellings - Jeddah. 2. Dwellings - Saudi Arabia. 3. Architecture, Domestic - Jeddah. I. Title

**06013**

728.0953123

K 527 Khan, Sultan Mahmud

1981 Jeddah old houses: a study of vernacular architecture of the old city of Jeddah/ Sultan Mahmud Khan - Riyadh : Department of Scientific Research, King Abdulaziz City for Science and Technology, 1986.

xiv, 93 p. : ill. ; 24 cm.

Bibliography: p. 87-92.

1. Architecture, Domestic - Jeddah .
2. Historic buildings - Saudi Arabia. 3. Saudi Arabia. National center for science and Technology. 4. Historic buildings - Jeddah. 5. المدن للسكان. I. Title

**06014**

728.0953123

N 143 Al-Naim, Mashary Abdullah

1993 Potentiality of the traditional house : a case study of Hofuf, Alhasa/ by Mashary Abdullah Al-Naim, 1993.

xii, 248 leaves : ill. ; 29 cm.

Thesis (M.A.) - King Faisal University, 1993. - Bibliography: 1. 244-48.

1. Architecture, Domestic - Saudi Arabia - Al-Hofuf. 2. Architecture, Domestic - Saudi Arabia. I. Title

**06015**

728.10953111

S 21 Al-Saif, Ahmed Mohammed

1994 Residents' satisfaction in low-middle and upper-middle income contemporary Saudi housing environments : the case of Riyadh/ by Ahmad M. Al-Saif, 1994.

xvii, 340 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Cornell University, 1994. - Also available microfiche no. 3516. - Bibliography: 1. 330-340.

1. Dwellings - Riyadh - Design and construction. 2. Dwellings - Riyadh. 3. Architecture, Domestic - Riyadh - Design and plans. 4. Dwellings - Saudi Arabia. 5. المساكن - السعودية. I. Title

**06016**

728.3704720953111

M 729 Al-Mokharri, Mohammed A.

1981 Passive solar house : Riyadh, Saudi Arabia/ by Mohammed A. Al-Mokharri.- [s.l.] : [s.n.], 1981 .

viii, 166 leaves ; 22X28 cm.

Thesis (M.A.) - University of Arizona, 1991. - Bibliography: 1. 162-166. - Also available microfiche no. 1942.

1. Architecture - Riyadh. 2. Architecture and climate - Saudi Arabia. 3. Solar houses - Riyadh. 4. الطاقة الشمسية - استخدام

**06017**

728.3709531

E 26 Al-Eld, Salem E. A.

1994 The role of traditional material culture in contemporary Saudi Arabia : the traditional courtyard house as exemplar/ by Salem E.A. Aleid, 1994.

x, 204 leaves : ill., maps, plans ; 29 cm.

Thesis (Ph.D.) - Ohio State University, 1994. - Bibliography: 1. 151-158.

1. Courtyard houses - Saudi Arabia .
2. Architecture, Domestic - Saudi Arabia.
3. Courtyard houses. 4. Material culture - Saudi Arabia. 5. Dwellings- Saudi Arabia.
6. المساكن - السعودية. I. Title

**06018**

728.370953111

A 22 Akbar, Jamel A.

- 1980 Support for courtyard houses Riyadh, Saudi Arabia/ Jamel A. Akbar.- Cambridge, Mass: School of Architecture and Planning, Massachusetts Institute of Technology , 1980.

115 p. : ill., plans ; 21X28 cm.

Bibliography: p. 114-115.

1. Courtyard houses - Riyadh - Designs and plans. 2. Architecture, Domestic - Riyadh. 3. Architecture, Domestic - Saudi Arabia. 4. Dwellings - Riyadh. I. Title

**06019**

728.370953111

D 685 Al-Dolaimi, Abdullah

- 1992 L'evolution de l'habitat a Riyadh : contribution a l'analyse des besoins et usages sociaux d'espaces/ Abdullah al-Dolaimi, 1992.

288, 18 p. : ill., maps, plans ; 30 cm.

Thesis (Ph.D.)- Universite De Provence Aix-Marseille I, 1992.- Bibliography: p. 237-266.

1. Dwellings - Riyadh. 2. Dwellings - Saudi Arabia. 3. City planning - Riyadh. I. Title

**06020**

728.37209531

B 194 Baleela, Moustafa M.

- 1975 Design for livability : the housing requirements of middle income families in Saudi Arabia/ by Moustafa M. Baleela, 1975.

xxi, 124 leaves : ill. ; 29 cm.

Thesis (Ph.D.) - University of Pennsylvania, 1975. - Also available microfiche no. 934. - Bibliography: 1. xv-xxi.

1. Housing - Saudi Arabia. 2. Buildings - Saudi Arabia. 3. High-rise apartment buildings - Saudi Arabia. 4. السعودية. I. Title

**06021**

728.8095311

B 147 Bahammam, Omar Salem

- 1989 Study of the domestic open spaces in low-rise dwelling units in Riyadh, Saudi Arabia/ by Omar Salem Bahammam, 1989.

vi, 147 leaves : ill. ; 28 cm.

Thesis (M.A.) - Virginia Polytechnic Institute and State University, 1989. - Also available microfiche no. 2555. - Bibliography: 1. 143-47.

1. Architecture, Domestic - Riyadh .
2. Architecture, Domestic - Saudi Arabia.
3. City planning - Riyadh. 4. - المساكن. I. Title

**06022**

728.80953111

B 147 Bahammam, Ali Salem Omar

- 1992 An exploration of the residents' modifications : private-sector low-rise contemporary housing in Riyadh, Saudi Arabia/ Ali Salem Omar Bahammam.- [s.l.] : [s.n.], 1992.

2 v. (xi, 514 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - University of Michigan, 1992. - Bibliography: 1. 508-514.

1. Architecture, Domestic - Riyadh - Design and plans. 2. Architecture - Environmental aspects - Riyadh. 3. Architecture and society Riyadh. 4. Architecture and climate - Riyadh. 5. المساكن - الرياض. I. Title

**06023**

728.80953141

E 26 Al-Eid, Salem E. A.

- 1985 The houses of Hail : an Arabian cultural heritage/ by Eid Salem.- [s.l.] : [s.n.], 1985.

63 leaves : ill. ; 28 cm.

Thesis (M.A.) - University of Wisconsin-Madison, 1985. - Also available microfiche no. 1920. - Bibliography: 1. 62-63.

1. Architecture, Domestic - Saudi Arabia - Hail. 2. Dwellings - Saudi Arabia - Hail. 3. المساكن - حائل (السعودية). I. Title
- 06024**
- 729.0285633  
H 225 Al-Harkan, Abdulrehman Hamad  
1994 An intelligent environment for design evaluation and feedback : a machine learning approach / by Abdulrehman Hamad Al-Harkan, 1994.  
xi, 202 leaves : ill., plans ; 29 cm.  
Thesis (Ph.D.) - University of Michigan, 1994. - Includes bibliographical references.  
1. Architectural design- Data processing.  
2. Architectural design - Evaluation - Data processing. 3. Expert systems (Computer science). I. Title
- 06025**
- 729.28  
T 847 Al-Turki, Ibrahim M. I.  
1994 Qualitative and quantitative natural light in atrial and adjacent spaces/ by Ibrahim M.I. Al-Turki, 1994.  
xi, 169 leaves : ill. ; 28 cm.  
Thesis (M.Sc.) - University of Southern California, 1994. - Also available microfiche no. 3499. - Bibliography: l. 166-169.  
1. Space (Architecture). 2. Dwellings - Lighting. 3. Lighting, Architectural and decorative. I. Title
- 06026**
- 729.29  
K 526 Khaiyat, Sami Abdulrahman  
1994 Effect of concave sound reflecting surfaces on speech intelligibility and articulation index : a dissertation/ Sami Abdulrahman Khaiyat, 1994.  
xiii, 113 leaves : ill. ; 28 cm.  
Thesis (Ph.D.) - Texas A & M University, 1994. - Bibliography: l. 106-108.  
1. Architectural acoustics. 2. Acoustical engineering. 3. Sound. I. Title
- 06027**
- 730.953123  
A 69 Al-Amoud, Yousef I.  
1986 The influence of Saudi culture on valuing the outdoor sculpture in the public places of Jiddah city, Saudi Arabia/ by Yousef I. Al Amoud, 1986.  
v, 90 leaves : ill. ; 28 cm.  
Thesis (M.A.) - University of Wisconsin, 1986. - Also available microfiche no. 1528. - Bibliography: l. 90.  
1. Sculpture - Jeddah. 2. Sculpture - Jeddah - Themes, motives. 3. Sculpture - Saudi Arabia. 4. المنحوتات الجمالية - جدة. I. Title
- 06028**
- 737 609531  
S 85 Saudi Arabia : a philatelic portrait. -  
1994 London: Saudi Information Centre, 1994.  
24 p. : col. ill. ; 22 cm.  
1. Postage stamps - Saudi Arabia.  
2. طابعات البريد - السعودية. I. The Saudi Information Centre (London), corp.
- 06029**
- 738.0953001  
G 258 Gazdar, Mohammed Saleh Mohammed  
1982 Yousuf  
A Comparative study of pottery from Arabia in the pre-Islamic period : 500 BC to AD 600/ Mohammed Saleh Mohammed Yousuf Gazdar, 1982.  
2 v. (717 leaves) : ill., maps, plates  
Thesis (Ph.D.) - University of London, 1982. - Bibliography: l. 575-580.  
1. Islamic pottery - Arabian Gulf States. 2. Islamic pottery - Saudi Arabia. 3. Pottery, Ancient - Arabian Gulf States. I. Title
- 06030**
- 741.0118  
D 771 Al-Doyhi, Mohammed Hussein Abdullah  
1984 The extent to which cultural differences affect and control childrens' similarities and

differences in choice of subject matter in their drawings/ Mohd H. Aldoyhi, 1984.

vi, 92 leaves ; 28 cm.

Thesis (M.Sc.) - Michigan State University, 1984. - Bibliography: l. 92.

1. Drawing ability in children - Social aspects. 2. Drawing - psychological aspects. 3. Social perception in children. 4. Children's drawings - United States. 5. Children's drawings - Saudi Arabia. I. Title

**06031**

741.9531

T 349 30 artist's impressions of the Arabian [197-] desert : produced on canvas finish paper ready for framing [art reproduction]/ I.P.A. Production. - Riyadh: I.P.A. ,[197-]. 30 p. : ill. ; 53 cm.

Not available outside Saudi Arabia. - Printing limited to 1000 copies at one shot printing (20X16 inches).

1. Saudi Arabia - Social life and customs - Pictorial works. 2. Drawings, Saudi. 3. الرسومات - السعودية. I. Institute of Public Administration, Riyadh, corp. III. Title: Artist's impressions of the Arabian desert

**06032**

741.9531

D 771 Al-Doyhi, Mohammed Hussein Abdullah 1994 Children's drawings in Saudi Arabia : a comparative study between the drawings of Saudi children who have lived in the United States and Saudi children who have never resided outside Saudi Arabia / by Mohammed Hussein Abdullah Aldoyhi, 1994.

xi, 249 leaves : ill., map. ; 28 cm.

Thesis (Ph.D.) - Ohio State University, 1994. - Bibliography: l. 243-249.

1. Children's drawings - Saudi Arabia - Comparative studies. 2. Children's drawings - Study and teaching - Saudi Arabia. 3. الرسوم الاطفال - السعودية. I. Title

**06033**

745.61

B 165 Bait-Almal, Asaad

1982 Non-objective relief/ by Asaad Bait-Almal, 1982.

48 leaves ; 29 cm.

Thesis (M.A.) - Adams State College, 1982. - Also available microfiche no. 1723. - Bibliography: l. 46-47.

1. Calligraphy. 2. Relief (Sculpture). 3. الخط. I. Title

**06034**

745.6191

E 48 Exhibition on Arabic Calligraphy (1986:

1987 The King Faisal Center for Research and Islamic studies Riyadh)

Al-Khatt al-Arabi min khulal al-makhtutat : Arabic calligraphy in manuscripts : an exhibition of Arabic calligraphy at the Islamic Art Gallery, King Faisal Center for Research and Islamic Studies, Riyadh, Saudi Arabia- Riyadh : King Faisal Center for Research and Islamic Studies, 1406 H, 1987.

267 p. : ill. ; 31 cm.

Bibliography: p. 259-267. - Includes indexes.

1. Calligraphy, Arabic. 2. Islamic calligraphy. 3. Manuscripts, Arabic. I. Islamic Art Gallery. King Faisal Center for Research and Islamic Studies, corp. II. Title III. Title: Arabic calligraphy in manuscripts

**06035**

759.9531

Ob 1 Al-Obaied, Saad

[1986] Fine arts : exhibition of 'Riyadh yesterday and today/ prepared by : Saad Al-Obaied , checked by, Mohammed Al-Saleem.- [Riyadh] : Saudi Arabia Cultural and Arts Society, 1986.

80 p. : col.ill ; 28 cm.

At head of title : Exhibition of Riyadh yesterday and today.

1. Arts - Saudi Arabia - Exhibitions.
2. Painting - Saudi Arabia - Exhibitions.
3. الرسم - السعودية - معارض. I. Al-Saleem, Mohammed Mousa, rev. II. Title

**06036**

759.9531

**Ob 1 Al-Obaied, Saad**

[1986] Les arts plastiques/ prepare et rialise per Saad Al-Obaied; revise par Mohamed El-Boukili.- Riyadh : [s.n.], 1986.

68, 74 p. : col. ill ; 28 cm.

At head of title : 'L'exposition de Riyadh hier et aujourd'hui.

1. Painting - Saudi Arabia. 2. Art - Saudi Arabia. 3. الرسم - السعودية - معارض. I. El-Boukili, Mohamad, rev. II. Title

**06037**

759.9531

**B 519 Binzagr, Safeya**

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1979 past/ Safeya Binzagr.- 2nd ed.- Lausanne: Three Continents.- Geneva : Arabian Resource Management, 1979.

139 p. : ill., plates ; 30 cm.

ISBN 2-88001-076-4

1. Painting, Saudi 2. Folklore - Saudi Arabia. 3. Saudi Arabia - History. 4. الرسم - السعودية. I. Title

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**K 526 Khaled Al-Faisal, Prince, grandson of**

1989 **Abdulaziz Al-Saud, King of Saudi Arabia**

Jihad in Palestine and Afghanistan : the second exhibition of paintings [at] Al-Khozama Center, Riyadh, March-April, 1989/ H.R.H. Prince Khalid Al-Faisal.- Riyadh : [s.n.], 1989.

ca. 50 leaves of plates : col.ill., ports. ;

31 cm.

1. Al-Jihad - Illustrations. 2. Painting, Saudi - Exhibitions. I. Title

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**M 371 Masary, Saad Ali H.**

1983 Saudian fundamental architecture and ornamentation in abstract painting and sculpture/ by Saad Ali H. Masary, 1983.

x, 120 leaves : ill. ; 29 cm.

Thesis (M.A.) - Utah State University, 1983. - Also available microfiche no. 1562. - Bibliography: L 117-118.

1. Painting, Abstract - Saudi Arabia. 2. Sculpture, Abstract - Saudi Arabia. 3. الفن - التجريدية - السعودية. I. Title

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**S 32 Al-Saleem, Mohammad Mossa**

1980 16 mostra personale Mohammed Mossa Al-Saleem: Sala Botticelli Hotel Michelangelo, Firenze, 28 Novembre - 10 Dicembre 1980.- Firenze, Italy : Accademia Belle Arti, 1980.

[64] p. : ill. (some. col.), ports ; 25 cm.

Text in Italian, English and Arabic.

1. Painting - Saudi Arabia - Exhibitions. 2. Al-Saleem, Mohammed Mousa - Art Collections - Exhibitions. 3. Art - Private collections - Saudi Arabia. 4. الرسم - السعودية. I. Title

**06041**

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**S 85 Saudi Arabia. Ministry of Post, Telegraph**

1966 **and Telephones**

Saudi Arabian post stamps : 1345-1386/ 1925-1966 المملكة العربية السعودية منذ عام ١٣٤٥ - ١٣٨٦ هـ / ١٩٢٥ - ١٩٦٦ م. Ministry of P.T.T., Riyadh : Ministry of P.T.T., 1966.

27 leaves : ill. ; 28 cm.

Cover title handwritten.

1. Stamp collecting - Saudi Arabia - 1925-1966. I. Title II. Title: طابع البريد في المملكة العربية السعودية منذ عام ١٣٤٥ - ١٣٨٦ هـ / ١٩٢٥ - ١٩٦٦ م.

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N 187 Al-Nassar, Khalid Saad

1979 Al-Zahra multi-service neighborhood center : a design concept for the Saudi Arabian neighborhood/ by Khalid Saad Al-Nassar, 1979.

xv, 278 leaves ; 29 cm.

Thesis (M.A.) - University of Arizona, 1979. - Also available microfiche no. 117. - Bibliography: l. 274-278.

1. Social settlements - Saudi Arabia.
2. Recreation centers - Saudi Arabia.
3. Community centers - Saudi Arabia.
4. Recreation - Saudi Arabia. 5. Home. I. Title

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F 688 Fogg, George

1989 Recreation areas for children of Saudi Arabia : a study on the Eastern region/ George Fogg.- Riyadh : King Abdul Aziz City for Science and Technology, 1989.

81 p. : ill., col. ; 24 cm.- (General Directorate of Research Grants Program, King Abdul Aziz City for Science and Technology ; no. 27).

1. Recreation - Saudi Arabia. 2. Community centers - Saudi Arabia. 3. المناطق الترفيهية. 4. للأطفال في المملكة العربية السعودية. I. Title III. Series

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Id 2 Al-Iddrist, Hani

1983 Recreation services in the Kingdom of Saudi Arabia and the role of the youth welfare organization/ by Hani Al-Iddrisi, 1983.

iii, 58 leaves ; 28 cm.

Thesis (M.Sc.) - Pacific Lutheran University, 1983. - Also available microfiche no. 1879. - Bibliography: l. 57-58.

1. Recreation - Saudi Arabia. 2. Sports - Saudi Arabia. 3. Youth - Services for - Saudi Arabia. 4. الترفيه - السعودية. I. Title

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S 14 Shaikh, Mohammed Adeeab Malik

1989 An Analysis of Saudi Arabian imported television programs in the context of traditional Islamic values and norms/ Mohammed Adeeab Malik Shaikh.- Ann Arbor, Mich. : University Microfilms International, 1989.

xi, 298 p. : ill. ; 21 cm.

Thesis (Ph.D.) - Wayne State University, 1989. - Bibliography: l. 282-295.

1. Television broadcasting - Religious aspects. 2. Saudi Arabia - Social aspects. 3. Television broadcasting - Saudi Arabia - Religious aspects. 4. Television programs, Foreign - Saudi Arabia - Religious aspects. 5. التلفزيون - السعودية. I. Title

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2 v. (xi, 298 leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - Wayne State University, 1989. - Also available microfiche no. 2623. - Bibliography: l. 282-95.

1. Television programs - Saudi Arabia - Foreign influences. 2. Television broadcasting - Saudi Arabia - Foreign influences. 3. برامج التلفزيون - السعودية. I. Title

06047

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B 637 Bokhari, Abdullateef Ibrahim

1983 An investigation of the organization and finances of sports clubs in the Kingdom of Saudi Arabia/ by Abdullateef Ibrahim Bokhari, 1983.

v, 89 leaves ; 28 cm.

Thesis (M.A.) - University of Toledo, 1983. - Also available microfiche no. 1690. - Bibliography: l. 89.

1. Athletic clubs - Saudi Arabia. 2. النوادي الرياضية - السعودية. I. Title

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**B 960 Bu-Salih, Ridha Mohammed**

1984 The Attitude toward physical recreation of male Saudi students studying in the United States/ by Ridha Mohammed Bu-salih.- 1984.

xiii, 142 leaves ; 28 cm.

Thesis (Ph.D.) - University of Oregon, 1984. - Also available microfiche, no. 522. - Bibliography: l. 139-142.

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**06049**

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**B 960 Bu-Salih, Ridha Mohammed**

1983 Students' attitudes toward physical education as a required course at the University of Petroleum and Minerals in Dhahran, Saudi Arabia/ by Ridha Mohammad Bu-Salih, 1983.

x, 142 leaves ; 29 cm.

Thesis (M.A.) - University of Oregon, 1983. - Also available microfiche no. 1447. - Bibliography: l. 140-142.

1. Physical education and training - Saudi Arabia - Dhahran. 2. التربية البدنية - الظهران (السعودية) I. Title

**06050**

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**B 148 Al-Bahouth, Khalid**

1994 The development of sport in Saudi Arabia : a sociological study/ Khalid Albahouth, 1994.

x, 266 leaves : ill., facsim. ; 30 cm.

Thesis (Ph.D.) - University of Warwick, 1994. - Bibliography: l. 239-266.

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**R 112 Rabaan, Habeb A.**

1994 Participation and attrition motivation in Saudi Arabian youth sport/ by Habeb A. Rabaan, 1994.

xi, 211 leaves ; 28 cm.

Thesis (Ph.D.) - University of Pittsburgh, 1994. - Also available microfiche no. 3504. - Bibliography: l. 149-159.

1. Sports - Saudi Arabia - Psychological aspects. I. Title

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**S 85 Saudi Arabian T.V.**

[199-] Youth and sports [Videorecording]/ Saudi Arabian T.V.; researched and written by Mohammad Baha; scripted and directed: Saad M. Al-Wathlan; produced by ARA International Productions.- Riyadh : ARA International Productions, [199-].

1 Video cassette (ca 40 min.): sd., col.- (Saudi).

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**S 85 Saudi Arabia. General Presidency of**

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Projects and programs accomplished by General Presidency of Youth Welfare in the fourth year of the subsequent five-years plan (1403-1404 H.) (1983-1984 G)/ Kingdom of Saudi Arabia, General Presidency of Youth Welfare, Department of Planning, Budget and Follow-up.- Riyadh : General Presidency of Youth Welfare, 1984.

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 البدنية - احصائيات - السعودية I. Title

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**K 527 Abu Khater, Abdulla H.**

- 1994 Saudi Arabia's brave new football world/  
 by Abdulla H. Abu Khater; design and  
 artwork by Emil Ramzi Kamel - Riyadh :  
 General Presidency of Youth Welfare, Saudi  
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[94] p. : col. ill., ports., map. ; 21 cm.  
 Special issue by Al-Jeel Magazine.

1. Soccer - Saudi Arabia. 2. Soccer -  
 Records - Saudi Arabia. 3. World cup  
 (Soccer) - Saudi Arabia. 4. Football -  
 Saudi Arabia. 5. كرة القدم - السعودية. I.  
 Kamel, Emil Ramzi, illus. II. Title

**06055**

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**G 933 Al-Gubilan, Hamad**

- 1990 The Olympics as a peaceful means in  
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Thesis (M.A.) - Humboldt State  
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1. Olympics. 2. Sports. 3. International  
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**06056**

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**G 944 Gulle, Mark**

- 1995 Cam psite of Riyadh region Saudi Arabia/  
 Mark Guile. - Riyadh : [S.N.], 1995

47 p. : ill. ; 30 cm.

1. Camp sites, facilities, etc. - Riyadh. 2.  
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**R 942 Al-Ruwaili, Majlan Hussein**

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 Christopher Norris and the politics of  
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1. Deconstruction. 2. Criticism. 3. Norris,  
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G 941 **Guidelines for the preparation of master  
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v, 31 p. : ill. ; 21 cm.  
1. Dissertations, Academic. 2. الرسائل  
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- 06062**
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H 545 **Hilden, Robert E.**  
2nd ed English 102 : researching and reporting/  
1994 Robert E. Hilden. - 2nd ed. - Dhahran :  
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1414 H, 1994.  
vi, 159 p. : ill., photos. ; 30 cm.  
ISBN 9960-07-019-0  
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2. Research - Study and teaching. I. King  
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- 06063**
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T 11 **Al-Ta'ani, Mohammad Younus**  
1993 **Business English through conversation/**  
Mohammed Younus Al-Ta'ani; reviewed by  
Madeline Haggan. - [Riyadh] : The author,  
1993.  
vi, 202 p. : ill. ; 26 cm.  
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2. English language - Conversation and  
phrase books. 3. English language -  
Rhetoric. 4. البلاغة الإنجليزية I. Haggan,  
Madeline, rev. II. Title
- 06064**
- 808.066  
D 155 **Dale, Terry**  
1994 **English 214 : technical report writing/**  
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viii, 172 p. : ill. ; 30 cm.
- ISBN 9960-07-020-4**  
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- Technical English. 3. Technical reports. 4.  
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Arabia - Arabic speakers. 5. اللغة الإنجليزية - تعليم  
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K 58 **King Abdulaziz University. Center for  
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How to write and publish a scientific  
paper. - 1st ed. - Jeddah: Scientific Publishing  
Centre, King Abdulaziz University, 1415  
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Z 15 **Zamaty, Aly Othman**  
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General Organization for Technical  
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Ut 3 Uthman, Nuaiman A.

- 1977 Drama : a morphological analysis/ by  
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1. Drama - Philosophy. 2. Drama -  
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S 52 Al-Semari, Othman R.

- 1993 Saudi student's revising strategies in  
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السعودية - تعليم. I. Title

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B 145 Baeshen, Lamia Mohamed Saleh

- 1986 Robinson Crusoe and Hayy Bin Yagzan: a  
comparative study/ by Lamia Mohamed  
Saleh Baeshen.- Tucson, Ariz. : University  
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vii, 233 p. ; 28 cm.

Thesis (Ph.D.) - University of Arizona,  
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1. Literature, Comparative. 2. Robinson  
Crusoe. 3. Hay Bin Yagzan. 4. الادب للفارسي. 5. احى بن يظان. I. Title

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R 942 Al-Ruwaili, Majlan Hussein.

- 198 Deconstruction and drama/ by Majlan H.  
Al-Ruwaili, 1986.  
2 v. (xii, 312 leaves) : ill. ; 29 cm.

Thesis (Ph.D.) - The University of New  
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1. Deconstruction. 2. Drama - History  
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G 341 Al-Ghamdi, Ali Ahmad

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3. Lazarillo de Tormes - Criticism and  
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H 127 Hakamy, Abdulwahab Ali

- 1979 The Struggle between traditionalism  
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Thesis (Ph.D.) - University of Michigan,  
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Bibliography: l. 220-231.

1. Fiction - History and criticism .  
2. Eliot, George, 1819-1880 - Criticism and  
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A 19 Al-Abbasi, Thoraya Abdul Wahab

- 1988 Women's voices in Arabic, French, and  
English salons : literary impacts/ Thoraya  
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G 341 Al-Ghamdi, Saleh Mued

1989 Autobiography in classical Arabic literature : an ignored literary genre/ by Saleh Mued Al-Ghamdi, 1989.

2 v. (xii, 253 leaves) ; 28 cm.

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S 61 Al Shihabi, Mahmud Rif'at Abd-alMajid

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F 179 Fakhrel-Deen, Tarek Abdullah Jawad

1977 Abd Al-Rahman Shukri (1886-1958): an Egyptian writer in the age of imperialism and nationalism : a study in the influence of European thought on modern Arabic literature/ Tarek Abdullah Jawad Fakhrel-Deen, 1977.

xiii, 428 leaves ; 30 cm.

Thesis (Ph.D.) - New York University - 1977. - Bibliography: l. 401-428.

1. Arabic literature - 20th century - History and criticism. 2. Shukri, Abd al-Rahman - 1886-1958 - Criticism and interpretation. 3. Arabic poetry - 20th century - History and criticism. I. Title

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A 19 Al-Abbasi, Thoraya Abdul Wahab

1982 The development of classical Arabic poetics from its origins : a parallel with classical Greek poetics/ by Thoraya Abdul Wahhab al-Abbasi, 1982.

ii, 55 leaves ; 29 cm.

Thesis (M.A.) - University of Pennsylvania, 1982. - Also available microfiche no. 2711. - Bibliography: l. 51-55.

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M 311 Al-Mana, Suaad Abdulaziz

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S 91 Sowayan, Saad Abdullah

1977 Pre-Islamic poetry in light of As-sier

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S 91 Sowayan, Saad Abdullah

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III. الشعر الشعبي السعودي - نقد. I. Title II. Title: الشعر النبطي III. الشعر الشعبي السعودي

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Thesis (Ph.D.) - University of Edinburgh, 1982. - Text in English and Arabic. - Bibliography: 1. 352-375.

1. Arabic poetry - 622-750 - History and criticism. 2. Umayyad dynasty - Poetry - History and criticism. I. Title

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M 428 Al-Matouq, Ahmed Muhammad

1987 Al-Sharif Al-Murtada's contribution to the theory of plagiarism in Arabic poetry/ Ahmad Muhammad Al-Matouq, 1987.

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Y 9 Yuksel, Azmi

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Thesis (Ph.D.) - University of Durham, 1979. - Bibliography: 1. 162-169. - 255 leaves of Diwan in Arabic = ديوان الزمخشري.

1. Al-Zamakhshari, Muhammad ibn Umar, d. 538 H.- Criticism and interpretation. 2. Arabic poetry - Abbasids - History and criticism. I. Title

06088

811.82062

Z 13 Al-Zahrani, Hamdan A.

1993 A critical and analytical study of "Al-Zubda fi sharh al-burda" by Ali Al-Harawi/ Hamdan 'A. Al-Zahrani, 1993.

112 leaves ; 30 cm.

Thesis (M.A.) - University of Leeds, 1993. - Bibliography: 1. 109-112.

1. Al-Bousairy, Muhammad ibn Saied, d. 696 H. - Criticism and interpretation. 2. Al-Mulla Ali Al-Qari, Ali ibn Sultan, d. 1014 H. - Criticism and interpretation. 3. Arabic poetry - History and criticism - Mamelukes, 1250-1517. 4. Laudatory poetry, Arabic. I. Title

06089

811.9009

T 152 Al-Tami, Ahmed Saleh

1987 The poetic theories of the leading poet-critics of Arabic new poetry/ Ahmed Saleh Al-Tami, 1987.

viii, 240 leaves ; 28 cm.

Thesis (Ph.D.) - Indiana University, 1987. - Bibliography: 1. 226-240.

1. Arabic poetry - 20th century - History and criticism. 2. Arabic language - Versification. I. Title

06090

811.9531

A 11 Al-Awaji, Ibrahim Mohamed

1990 Migration : De la Lune = هجرة القمر / Ibrahim Al-Awaji.- Paris : Asfar, 1990.

93 p. ; 22 cm.

ISBN 2-906983-09-8

1. Arabic poetry - Saudi Arabia. 2. الشعر العربي - السعودية. I. Title II. Title: هجرة القمر

06091

811.9531

G 69 Al-Gosaibi, Ghazi Abd al-Rahman

1995 Dusting the colour from roses : a bilingual collection of Arabic poetry/ Ghazi Al-Gosaibi; translated from the Arabic by A.A. Ruffai ; revised by Heather Lawton.- London : Echoes, 1995.

109 p. ; 21 cm.

Text in English and Arabic.

ISBN 1-873395-01-9

1. Arabic poetry - Saudi Arabia - Translations into English. 2. Arabic poetry - 20th century - Translations into English. I. Ruffai, A.A., tr. II. Lawton, Heather, rev. III. Title

06092

811.9531

Q 63 Al-Quraishi, Hasan Abdallah

1989 Antologia poetica/ Hasan Abdallah Al-Qurashi; traduccion y presentacion de Federico arbos.- Madrid : Ediciones Endymion, 1989. 184 p., 5 leaves of plates: col.ill ; 20 cm.- ( Poesia).

Text in Spanish and Arabic. - Arabic title: مختارات شعرية.

ISBN 84-7731-048-3

1. Arabic poetry - Saudi Arabia - Translations into Spanish. 2. Arabic poetry - Saudi Arabia - Translations from Arabic. 3. Arabic literature - Saudi Arabia. 4. الشعر العربي - السعودية. I. Arbos, Federico, tr. II. Title III. Title: مختارات شعرية IV. Series

06093

811.9531

Q 63 Al-Quraishi, Hasan Abdallah

1989 L'etang de la soif = بحيرة العطش / [Qorachi]; traduit de l'Arabe par Samia Akel et Abbas Torbey. - Paris : Arfuyen, 1989.

47 p. ; 21 cm.

Text in French and Arabic - Author's name appear on the duster.

ISBN 2-903941-52-X

1. Arabic poetry - Saudi Arabia - Translations into French. 2. Arabic poetry - Saudi Arabia - Translations from Arabic. 3. Arabic literature - Saudi Arabia. 4. الشعر - العربي. I. Akel, Samia, tr. II. Torbey, Abbas, tr. III. Title IV. بحيرة العطش

06094

311.9531

Q 63 Al-Quraishi, Hasan Abdallah

.991 Spectres of exile and other poems/ Hasan Abdallah al-Qurashi; translated from the Arabic by Heath-Stubbs and Catherine Cobham. - London : Echoes, 1991.

119 p. ; 21 cm.

Text in English and Arabic.

ISBN 1-873395-36-1

1. Arabic poetry - Saudi Arabia - Translations into English. 2. Arabic poetry - Saudi Arabia - Translations from Arabic. 3. Arabic literature - Saudi Arabia. 4. الشعر - العربي. I. Heath-Stubbs, John, 1918-, tr. II. Cobham, Catherine, tr. III. Title

06095

11.9531

32 Al-Saleh, Muhammad B. Uthman

966 Modern Najdi poetry/ Muhammad B. Uthman Al-Saleh, 1966.

iii, 334 leaves ; 26 cm.

Thesis (Ph.D.) - University of Cambridge, 1966. - Bibliography: l 323-334.

1. Arabic poetry - Saudi Arabia. 2. Arabic literature - Saudi Arabia. 3. الشعر - العربي. I. Title

06096

811.9531

H 119 Hafiz, Hisham Ali

1994 The desert is my oasis: poems/ Hisham Ali Hafiz; foreword by PeteMansfield. - London : Kegan Paul International, 1994. xi, 189 p. ; 24 cm.

Includes index.

ISBN 0-7103-0483-8

1. Arabic poetry - Saudi Arabia - Translations into English. 2. Arabic poetry - 20th century. 3. Arabic poetry - 20th century - Translations from Arabic. I. Luqman, Farouk, tr. II. Title

06097

811.9531

H 119 Hafiz, Hisham Ali

1995 Words with rhythm : second beat/ Hisham Ali Hafiz; translated into English by Farouk Luqman. - London : Kegan Paul International, 1995.

xvii, 194 p. ; 24 cm.

Kalimat laha iqa. - Includes index.

ISBN 0-7103-0547-8

1. Arabic poetry - Saudi Arabia - Translations into English. 2. Arabic poetry - 20th century. 3. Arabic poetry - 20th century - Translations from Arabic. I. Luqman, Farouk, tr. II. Title: Kalimat laha iqa

06098

811.9531009

A 15 Abahsain, Muhammad M.

1977 Effects of the Arab-Israeli confrontation on Saudi poetry : (1967-1973)/ by Muhammad M. Abahsain, 1977.

33 leaves ; 29 cm.

Thesis (M.A.) - University of Minnesota, 1977. - Also available microfiche no. 1125.

1. Arabic poetry - Saudi Arabia - Foreign influences. 2. Arabic poetry - Saudi Arabia - History and criticism. 3. Arabic literature - Saudi Arabia. 4. الشعر العربي - نثر. - I. Title

06099



812.009

F 177 Faizo, Lutfi Abdul Rahman

1985 The cycles of Arabic drama : authenticity versus western imitation and influence/ by Lutfi Abdul-rahman Faizo, 1985.

ix, 286 leaves ; 29 cm.

Thesis (Ph.D.) - University of Colorado, 1985. - Bibliography: l. 276-286.

1. Arabic drama - History and criticism.  
2. Arabic drama - Foreign influences. I. Title

**06100**

813.009

G 534 Al-Goafli, Mohammed Sulman

1987 Contemporary Arabic literary criticism of fiction : a study of the realist trend/ by Mohammed Sulman al-Goafli, 1987.

iv, 331 leaves ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1987. - Also available microfiche no. 2009. - Bibliography: l. 313-331.

1. Arabic fiction - History and criticism. 2. Realism in literature. I. Title

**06101**

813.9531009

Q 12 Al-Qahtani, Sultan S.M.

1994 The novel in Saudi Arabia : emergence and development 1930-1989 : an historical and critical study/ Sultan S. M. Al-Qahtani, 1994.

vi, 230 leaves ; 30 cm.

Thesis (Ph.D.) - University of Glasgow, 1994. - Bibliography: l. 204-230.

1. Arabic fiction - Saudi Arabia - History and criticism. 2. Arabic fiction - History and criticism. I. Title

**06102**

813.01953001

S 21 Al-Seball, Abdulaziz

1991 The Short story in the Arabian Peninsula : realistic trends/ by Abdulaziz Alseball, 1991.

vi, 248 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Indiana University, 1991. - Bibliography: l. 231-48.

1. Short stories, Arabic - Arabian Peninsula. 2. Short stories, Arabic - Saudi Arabia - History and criticism. 3. Short stories, Arabic - Arabian Gulf States - History and criticism. 4. Arabic fiction. 5. القصة العربية القصيرة - نقد - الجزيرة العربية. I. Title

**06103**

813.019531

H 275 Hassanein, Sameer Jameel Ahmad

1983 A comparative study of contemporary Saudi Arabian and Mexican-American short fiction/ by Sameer Jameel Ahmed Hassanein, 1983.

vii, 174 leaves : ill. ; 29 cm.

Thesis (M.A.) - California State University, 1983. - Also available microfiche no. 1944. - Bibliography: l. 169-174.

1. Arabic fiction - Saudi Arabia - History and criticism. 2. Mexican American fiction (Spanish) - History and Criticism. 3. Short stories, Arabic - Saudi Arabia - History and criticism. 4. القصة العربية القصيرة - نقد - السعودية

**06104**

813.039531

M 925 Munif, Abdelrahman, (1933--)

1993 Variations on night and day/ Abdulrahman Munif; translated from the Arabic by Peter Theroux. - New York: Random House, 1993.

333 p. ; 24 cm.

Translation of : Taqasim al-Layl wa al-Nahr (i.e. Nahr). - Beirut: Arab Institute for Research and Publishing, 1989.

ISBN 0-394-57673-X

1. Arabic fiction - Translations into English. 2. English fiction - Translations from Arabic. 3. Arabic fiction - Saudi Arabia - Translations into English. I. Theroux, Peter, tr. II. Title III. Title: Taqasim al-Layl wa al-Nahr (i.e. Nahr)

**06105**

813.039531009

D 367 Abo Dehman, Ahmed

1985 La société rurale dans le recueil: le pain et le silence de Muhammad Alwan/ Ahmed Abo Dehman, 1985.

147 xvi leaves : maps ; 30 cm.

Thesis (D.E.A.), 1985. - Bibliography: I. 133-140.

1. Alwan, Ahmed - Criticism and interpretation. 2. Arabic fiction - Saudi Arabia - History and criticism. 3. Authors, Arab - Saudi Arabia. 4. Country life in literature. 5. القصة العربية - نقد - السعودية. I. Title

06106

313.962009

E 94 Elyas, Adel Ata, (1942--)

1979 A thief in search of his identity - Naguib Mahfouz : Al-Liss wa 'l-Kilab (the thief and the dogs) : a critical analysis with a translation of the novel/ by Adel Ata Elyas, 1979.

vii, 181 leaves ; 28 cm.

Thesis (Ph.D.) - Oklahoma State University, 1979. - Also available microfiche no. 244. - Bibliography: I. 178-181A thief in search of his identity - Nag.

1. Mahfus, Naguib, 1912 - Criticism and interpretation. 2. Arabic fiction - History and criticism. 3. Arabic fiction - Egypt. 4. Authors, Arab - Egypt. 5. مغرّف، ع. I. Title

06107

13.03962

1 277 Mahfouz, Naguib

987 The thief and the dogs = اللص والكلاب/ translated by Adel Ataeiyas, supervisor. Clinton Kleer [et al.]- Jeddah : Dar Al-Shorouq, 1987.

254 p. ; 18 cm.

Thesis (Ph.D.) - Oklahoma State University, 1987..

1. Egyptian fiction. 2. Arabic fiction - Egypt. 3. القصص العربية. I. Ataeiyas, Adel, tr. II. Title

06108

813 9009

H 339 Al-Hazmi, Mansour Ibrahim

1966 The Modern Arabic historical novel/ Mansour Ibrahim El-Hazmi, 1966.

402 p. ; 31 cm.

Thesis (Ph.D.) - University of London, 1966. - Bibliography: p. 388-402. - Arabic summary and title at endpaper: الرواية التاريخية في الأدب العربي الحديث

1. Arabic fiction - 20th century - History and criticism. I. Title II. Title: الرواية التاريخية في الأدب العربي الحديث

06109

813.962009

N 344 Al-Nemi, Hassan

1995 The dramatization of fiction : Najib Mahfouz's novels into films/ Hassan Al-Nemi, 1995.

vii, 270 leaves ; 28 cm.

Thesis (Ph.D.) - Indiana University, 1995. - Bibliography: I. 232-262.

1. Mahfuz, Najib, 1912- - Adaptations. 2. Mahfuz, Najib, 1912- - Film and video adaptations. 3. Mahfuz, Najib, 1912- - Motion picture plays. 4. Arabic fiction - Egypt. 5. Authors, Arab - Egypt. 6. Mahfuz, Najib, 1912- - Criticism and interpretation. I. Title

06110

814.9531

H 119 Al-Hafzee, Hasan bin Mohamed bin Hasan

3rd e Pearls of a pen/ Hassan bin Mohammed [1989] bin Hasan Al-Hefzee.- 3rd ed. - [s.l.] : [The author], 1410 H, [1989].

139,[5] p. ; 17 cm.

1. Arabic essays - Translations into English. 2. English essays - Translations from Arabic. I. Title

06111

819.9531

S 17 Al-Shamikh, Muhammad A.

1984 The Rise of modern prose in Saudi Arabia/ Muhammad A. Al-Shamikh.- 1st ed.- Riyadh : King Saud University, 1984.

x, 131 p. ; 28 cm.

This book is based on Ph.D.

Thesis, Title: A survey of Hejazi prose literature in the period 1908-1941.

1. Arabic prose literature- Saudi Arabia.

2. الفنون السردية - نقد الأدب العربي. I. Title

**06112**

820.704301295

**B 146 Bagabas, Omar Abdullah**

1993 Byron's representation of the orient in Childe Harold's pilgrimage, Don Juan and the oriental tales/ by Omar Abdullah Bagabas, 1993.

2 v.(v, 351, cv leaves) : ill. ; 28 cm.

Thesis (Ph.D.) - University of Essex, 1993. - Bibliography: L.

1. Byron, George Gordon, 6th Baron Byron of Rochdale, 1788-1824 - Criticism and interpretation. 2. English literature - 19th century. 3. Middle East - Study and teaching. 4. Asia - Study and teaching. I. Title

**06113**

820.8009

**B 347 Al-Bazel, Saad Abdulrahman**

1983 Literary orientalism in nineteenth-century Anglo-American literature : its formation and continuity/ by Saad Abdulrahman Al-Bazei, 1983.

vi, 250 leaves ; 30 cm.

Thesis (Ph.D.) - Purdue University. - Bibliography: I. 238-249.

1. English literature - 19th century - Oriental influences. 2. American literature - 19th century - Oriental influences. 3. Orientalists - Britain. 4. Orientalists - United States. 5. Orientalism. I. Title

**06114**

820.8009

**S 82 Shoukry, Sayed Hussan**

1979 The Victorian taste : a study of the critical and aesthetic theories in the Victorian period/ by Sayed Hassan

Shoukry.- Riyadh : Riyadh University Libraries, 1979.

306 p. ; 24 cm.

Bibliography: p. 287-299. Includes index.

1. English literature - 19th century - History and criticism. I. Title

**06115**

820.973054

**N 178 Nasief, Sahar Hasan**

1993 Chaos in William Faulkner's fictional south as depicted in light in August/ by Sahar Hasan Nasief, 1993.

131 leaves ; 30 cm.

Thesis (M.A.) - King Abdulaziz University, 1993. - Bibliography: I. 123-131.

1. Faulkner, William, 1897-1962 - Criticism and interpretation. 2. American literature - 20th century - History and criticism. 3. Faulkner, William, 1897-1962. Light in August. I. Title

**06116**

821.007

**B 166 Al-Baiz, Muhammed Ali**

1982 Purposeful approaches to selecting and teaching English poetry to Arab students at the upper high school and college levels/ by Muhammed Ali Al-Baiz, 1982.

v, 124 leaves ; 29 cm.

Thesis (M.A.) - University of Kansas, 1982. - Also available microfiche no. 1448. - Bibliography: I. 111-118.

1. English literature - Study and teaching (Higher). 2. English poetry. 3. الأدب الإنجليزي - تعليم. I. Title

**06117**

821.00711531

**S 13 Shahata, Wajanat Salama**

1990 A study in the use of the response-based method for teaching English poetry to an EFL sample/ Wajanat Salama Shahata, 1990.

135 leaves ; 29 cm.

Thesis (Ph.D.) - Kansas State University, 1990. - Bibliography: I. 101-107.

1. English poetry - Study and teaching (Higher) - Saudi Arabia. 2. English language - Study and teaching (Higher) - Saudi Arabia - Arabic speakers. I. Title

**06118**

821.008

P 752 A Poetry anthology/ chosen and introduced 1985 by Adel Salama. - Riyadh: Mars Publishing House, 1985.

xvi, 220 p. ; 22 cm.

1. English Poetry - Literary collections.

2. الشعر الإنجليزي - مجموعات. I. Salama, Adel, comp.

**06119**

821.009

S 41 Shehata, Wajanat Salama

1984 The Dramatic monologue in the poems of Robert Browning/ Wajanat Salama Shehata.- Jeddah : Girls College of Education, 1984

iv, 119 ; 28 cm.

Thesis (M.A.) - Girls College of Education, 1984.

1. Browning, Robert, 1812-1889 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. 3. Poets, English - 19th century. 4. الشعر الإنجليزي - نقد

**06120**

321.6

f 366 Al-Hejazi, Ali Ahmad Ali

1979 Arabo-Islamic mythology in English poetry, 1775-1825/ by Ali Ahmed Ali Al-Hejazi, 1979.

228 leaves ; 29 cm.

Thesis (Ph.D.) - University of Wisconsin-Milwaukee. Bibliography: I. 221-227.

1. English Poetry - 18th century - Arabic influences. 2. Mythology, Oriental. 3. Mythology in literature. 4. Arabic language - influence on English language. 5. English language - Influence on Arabic language. 6. الشعر الإنجليزي - نقد. I. Title

**06121**

821.7

A 88 Afshy, Huda Abbas

1984 Byron's Child Harold's pilgrimage : a reading of the poem in the light of the biographical facts/ by Huda Abbas Afshy. - Riyadh: Girls College of Education, 1984.

vi, 210 p. ; 30 cm.

Thesis (M.A.) - Girls College of Education, 1984.

1. Byron, George Gordon, 6th Baron Byron of Rochdale, 1788-1824 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. 3. Romanticism - 19th century - History and criticism. 4. Poets, English - 19th century. I. Title

**06122**

821.7009

S 15 Al-Sadhan, Mona Muhammed Abdulla

1988 Shelley and the orient : a study of the poet's growing interest in the orient with particular emphasis on his reaction .../ Prepared by Mona Muhammed Abdulla Al-Sadhan.- Riyadh : Presidential Agency for Girls Colleges, Girl's College of Arts, 1988.

vi, 173 leaves ; 31 cm.

Thesis (M.A.) - Girl's College of Arts in Riyadh, 1988. - Bibliographies: I. 169-173.

1. Shelley, Percy Bysshe, 1792-1822 - Criticism, Textual. 2. English poetry - 19th century - History and criticism. 3. Romanticism - 19th century - History and criticism. 4. الشعر الإنجليزي - مقدمة. I. Title

**06123**

821.7009

K 969 Kutrieh, Marcia G.

1993 Wordsworth's power to create/ Marcia G. Kutrieh.- 1st ed.- Riyadh : King Saud University, 1993.

64 p. ; 25 cm.

Bibliography: p. 63-64.

1. Wordsworth, William - 1770-1850 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. 3. Romanticism - 19th century - History and criticism. I. Title

**06124**

821.8009

**A 32 Abdul-Jabbar, Nadia Yahia**

1991 The conflicting trends in Thomas Hardy's poetry / by Nadia Yahia Abdul-Jabbar, 1411 H, 1991.

v, 119 leaves ; 30 cm.

Thesis (M.A.) - King Abdulaziz University, 1991. - Bibliography: l. 114-119.

1. Hardy, Thomas, 1840-1928 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. 3. English literature - 19th century - History and criticism. I. Title

**06125**

821.8009

**A 88 Afshy, Huda Abbas**

1990 W.B. Yeats's Arabic interests : a reconsideration/ by Huda Abbas Afshy, 1410 H, 1990.

vi, 278, 2 leaves : ill. ; 31 cm.

Thesis (Ph.D.) - Girls' College of Education, 1990. - Bibliography: l. 248-277.

1. Yeats, William Butler, 1865-1939 - Arab influences. 2. Arabs - Intellectual life - Influences. 3. English literature - 19th century - History and criticism. 4. English poetry - 19th century - History and criticism. 5. Influence (Literary, artistic, etc.). I. Title

**06126**

821.8009

**M 268 Al-Maefna, Nariman Mohammed Ahmed**

1985 The Spiritual crisis of Tennyson as reflected in his early poetry/ Nariman Mohammed Ahmed Al Ma'eina, 1985.

133 leaves ; 30 cm.

Thesis (M.A.) - King Abdulaziz University, 1985. - Bibliography: l. 131-133. - Arabic Summary at endpaper.

1. Tennyson, Alfred, 1809-1892 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. I. Title

**06127**

821.8009

**Ou 6 Oun, Sabah Muhammad Hamza**

1985 Life as a quest in Robert Browning's poetry with special reference to the dramatic monologues, 1842-1864/ Sabah Muhammad Hamza Oun, 1985.

xii, 195 leaves ; 29 cm.

With Arabic abstract at end-paper. - Thesis (M.A.) - King Abdulaziz University, 1985. - Bibliography: l. 188-195

1. Browning, Robert, 1812-1889 - Criticism and interpretation. 2. English poetry - 19th century - History and criticism. I. Title

**06128**

821.9009

**F 217 Fantany, Afnan H.**

1991 A Passionate syntax for passionate subject-matter : the interdependence of style and quest in the later Yeats/ by Afnan H. Fatany, 1991.

iii, 224 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Catholic University of America, 1991. - Also available microfiche no. 3348. - Includes bibliographical references.

1. Yeats, William Butler, 1865-1939 - Criticism and interpretation. 2. English poetry - 20th century - History and criticism. I. Title

**06129**

821.953103

**G 69 Al-Gosaibi, Ghazi Abdal-Rahman.**

1977 From the orient and desert/ poems by Ghazi A. Al-Gosaibi; drawings by Andrew Vicari. - Stocksfield, U.K. : Oriel Press, 1977.

v, 23 p. : ill. ; 22 cm.

ISBN 0-8536-165-9

1. English poetry - Saudi Arabia - 20th century. 2. English poetry - 20th century. 3. الشعر الانجليزي - تعليم - السعودية. I. Vicari, Andrew, illus. II. Title

**06130**

11 973052

347 Bazarah, Misbah Abdul Rahman Mohammad

- 189 The social aspect of Wistan Hugh Auden's verse in the fifties/ Misbah Abdul Rahman Mohammad Bazarah, 1989.

176,3 leaves ; 30 cm.

Thesis (M.A.) - Girls College of Education, 1989. - Bibliography: l. 171-176.

1. Auden, Wistan Hugh, 1907-1973 - Criticism, Textual. 2. American Poetry - 20th century - History and Criticism. 3. American literature - 20th century - History and criticism. 4. الشعر الانجليزي - نقد. I. Title

**06131**

2.0711

32 Abduljabbar, Hanan Yahya A.

- 90 Drama in the English curriculum: a Reconsideration of the principles governing the course in Arab universities with application to sample dramatic texts usually chosen for the course/ presented by Hanan Yahya A. Abduljabbar, 1990.

x, 235, 113, 4 leaves ; 29 cm.

Thesis (Ph.D.) - Girl's College of Education, Makkah, 1990. - Bibliography: l. 225-235.

1. English drama - Study and teaching (Higher) - Arab countries. 2. English drama - History and criticism. I. Title

**06132**

2.3009

1 Obaid, Thoraya Ahmed

- 74 The Moor figure in English renaissance drama/ Thoraya Ahmed Ob, 1974.

ii, 335 ; 29 cm.

Thesis (Ph.D.) - Wayne State University, 1974.

1. English drama - History and criticism. 2. English drama - Early modern and Elizabethan, 1500-1600 - History and criticism. 3. English drama Arab influences. I. Title

**06133**

822.309354

K 527 Al-Khateeb, Rabaa Abdul-Hameed

- 1986 Supposed and contrived death in Elizabethan and Jacobean drama, 1578-1625/ Rabaa Abdul-Hameed al-Khateeb, 1986.

626 leaves ; 31 cm.

Thesis (Ph.D.) - University of Bimingham, 1986. - Bibliography: l. 582-626.

1. English drama - Early modern and Elizabethan, 1500-1600 - History and criticism. 2. Death - Drama. 3. Death in literature. I. Title

**06134**

822.33

M 277 Mahdi, Awatif Mohammad Ali

- 1989 The role of women, and its development in Shakespeare's plays/ Awatif Mohammad Ali Mahdi, 1989.

iv, 194 leaves ; 29 cm.

Thesis (M.A.) - Girls College of Education - Makkah, 1989. - Bibliography: l. 191-194.

1. English drama - Early modern and Elizabethan, 1500-1600 - History and criticism. 2. Shakespeare, William, 1564-1616 - Characters - Women. 3. Shakespeare, William, 1564-1616 - Criticism and interpretation. 4. ١٥٦٤ - ١٦١٦ - شكسبير، وليم - نقد. I. Title

**06135**

822:33009

K 527 Al-Khateeb, Rabaa Abdul-Hameed

- 1979 The Taming of the Shrew : a survey of literary and textual criticism/ Rabaa Al-Khateeb, 1979.

207 leaves ; 37 cm.

Thesis (M.A.) - University of Birmingham, 1979.- Bibliography: 1. 196-207.

1. Shakespeare, William, 1564-1616 - Comedies- Criticism, Textual. 2. Shakespeare, William, 1564-1616 - Criticism and interpretation. 3. English drama - Early modern and Elizabethan, 1500-1600 - History and criticism. I. Title

**06136**

822.33009

**H 27 Hasanain, Zakia Matoog Ahmed**

1994 The nature of marital jealousy in three modes of Shakespearean drama : tragedy, comedy, and tragicomedy/ Zakia Matoog Ahmad Hasanain, 1414 H, 1994.

163 leaves ; 31 cm.

Thesis (M.A.) - King Abdulaziz University, 1994. - Bibliography: 1. 153-163. - Arabic abstracts.

1. Shakespeare, William, 1564-1616 - Criticism and interpretation. 2. English drama (Tragedy) - History and criticism. 3. English drama (Comedy) - History and criticism. 4. Jealousy in literature. I. Title

**06137**

822.33009

**T 619 Toonsi, Abdullah B.**

1993 Shakespeare's treatment of the outsider in the Merchant of Venice and Othello/ by Abdullah B. Toonsi, 1993.

ii, 237 leaves ; 31 cm.

Thesis (M.A.) - King Abdulaziz University, 1993. - Bibliography: 1. 232-236.

1. Shakespeare, William, 1564-1616. The merchant of Venice. 2. Shakespeare, William, 1564-1616. Othello. 3. Shakespeare, William, 1564-1616 - Criticism and interpretation. 4. Tragedy. 5. English drama (Tragedy). I. Title

**06138**

822.4009

**M 542 Merghelani, Abdul-Rahman Amin**

1982 Saracanism on the British stage 1580-1642 : a formula for distance/ by Abdul-Rahman Amin Merghelani, 1982 .

viii, 274 leaves : ill. ; 28 cm.

Thesis (Ph.D.) - University of Colorado, 1982. - Also available microfiche no. 2. - Contains plates from leave 253 to 274. - Bibliography: 1. 195-206.

1. English drama - 17th century - History and criticism. 2. Saracens in literature. I. Title

**06139**

822.912

**S 21 Al-Saif, Nasser**

1987 The master-servant relationship in three plays of George Bernard Shaw/ by Nasser Al-Saif, 1987.

21 leaves ; 30 cm.

Thesis (M.A.) - Tennessee State University, 1987. - Includes bibliography.

1. Shaw, George Bernard, 1856-1950 - Criticism and interpretation. 2. English drama - 20th century - History and criticism. I. Title

**06140**

822.912

**A 84 Anstey, F., (1856--1934)**

2nd e Vice versa/ F. Anstey; simplified ... by 1979 Michael West.- 2nd ed.- London : Longman, 1979.

71 p. : ill. ; 19 cm.

Published for Presidency of Girls Education, Kingdom of Saudi Arabia.

ISBN 0-582-53509-3

1. English drama - 20th century. 2. Fathers and sons - Fiction. 3. Humorous stories, English. I. West, Michael, ed. II. Title

**06141**

822.912009

**S 61 Al-Shibli, Amal Abdul-Rahman Hamad**

1984 The Influence of classical drama on T.S. Eliot's plays : The family reunion and the cocktail party/ by Amal Abdul-Rahman Al-Shibli. - Riyadh : Girls College of Education, 1984.

iii, 100 p. ; 28 cm.

Thesis (M.A.) - Girls College of Education, 1984.

1. Eliot, T.S., 1888 -1965 - Criticism and interpretation. 2. Eliot, Thomas Stearns, 1888-1965. The family reunion and the cocktail party. 3. English drama - 20th century - History and criticism. 4. Dramatists, English - 20th century. I. Title

**06142**

822.973052009

G 346 Al-Ghoreibi, Fathia Saleh Ali

- 1987 Arthur Miller's concept of tragedy with reference to his major plays from 1947 to 1980/ Fathia Saleh Ali Al-Ghoreibi, 1987. 147 p. ; 28 cm.

Thesis (M.A.) - Girls College of Education, 1987.

1. Miller, Arthur, 1915- - Criticism and interpretation. 2. American drama - 20th century - History and criticism. 3. Dramatists, American - 20th century. I. Title

**06143**

822.973052009

S 61 Al-Shibi, Amal Abdul-Rahman Hamad

- 1990 The Family in Arthur Miller's plays/ Amal Abdul-Rahman Ahamed Al-Shibi, 1990.

251, 3, 2 leaves ; 30 cm.

Thesis (M.A.) - General Presidency for Family Education, 1990. - With Arabic summary and title at endpapers. العائلة في مسرحيات آرثر ميلر. - Bibliography: I. 241-251.

1. Miller, Arthur, 1915- - Criticism and interpretation. 2. American drama - 20th century - History and criticism. 3. Family in literature. 4. Dramatists, American - 20th century. 5. Drama - 20th century - History and criticism. I. Title

**06144**

822.973052009

M 687 Mishkhas, Abeer Abdul Hameed

- 1994 The dramatic technique in Thornton Wilder's Pullman car Hiwatha, Our town,

and The skin of our teeth/ Abeer Abdul Hameed Mishkhas, 1414 H, 1994.

vi, 74 leaves ; 30 cm.

Thesis (M.A.) - King Abdulaziz University, 1994. - Bibliography: I. 65-74. - with abstract in Arabic.

1. Wilder, Thornton (Niven), 1897-1975 - Criticism and interpretation. 2. American drama - 20th century - History and criticism. 3. Dramatists, American. 4. Authors, American. I. Title

**06145**

822.973054009

D 741 Al-Dossary, Fayza Khalid

- 1989 Edward Albee and the drama of social protest/ Presented by Fayza Khalid Al-Dossary.- Dammam : Presidency Agency for Girls Colleges, Faculty of Arts, 1989. [10], ii, 204 leaves ; 30 cm.

Bibliography: I. 182-204. - Thesis (M.A.) - Presidency Agency for Girls Colleges, Faculty of Arts, Dammam, 1989.

1. Albee, Edward, 1928- - Criticism and interpretation. 2. Sociodrama - United States - 20th century. 3. American drama - 20th century. 4. Dramatists, American - 20th century. 5. المسرحية الاجتماعية - الولايات المتحدة. I. Title

**06146**

822.973054009

G 212 Gashgary, Amira Dawood

- 1993 Discourse analysis ; a pragmatic approach of dramatic discourse with special reference to some of Arthur Miller's plays/ by Amira Dawood Gashgary, 1993.

xii, 304 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - Girl's College of Education, Jeddah 1993. - Bibliography: I. 292-304. - with introduction and title in Arabic : تحليل الخطاب: مدخل برافمانتي للحوار : المسرحي مع الإشارة إلى بعض مسرحيات آرثر ميلر



1. Miller, Arthur, 1915- - Criticism and interpretation. 2. American drama - 20th century - History and criticism. 3. Dramatic criticism. I. Title
- 06147**
- 823.009  
S 11 Al-Saleh, Fadia Saud  
1986 The University in post-war British fiction/ by Fadia Saud Al-Saleh; supervisor Adel Salama.- Riyadh : Girls College of Education, 1986.  
iii, 275 p.; 30 cm.  
Thesis (Ph. D.) - Grils College of Education, 1986..  
1. English fiction - 20th century - History and criticism. 2. Dissertations, Academic - Bibliography. 3. Dissertations, Academic - Saudi Arabia. 4. قصة الإنجليزية - مقدمة. I. Title
- 06148**
- 823.01  
S 94 The Study of fiction : an anthology edited  
1984/ by Adnan M. A. Wazzan.- Jeddah: Saudi Publishing and Distributing House, 1984.  
272 p.; 21 cm.  
Bibliography: p. 271-272.  
1. Short stories, English - Anthologies. 2. English fiction. 3. القصص الإنجليزية القصيرة. I. Wazzan, Adnan M. A., ed.
- 06149**
- 823.4973016  
R 54 Roberson, William H.  
1982 George Washington Cable: an annotated bibliography/ by William H. Roberson.- Metuchen, N.J. : Scarecrow, 1982.  
ix, 255 p.; 22 cm..- ( The Scarecrow author bibliographies ; no. 62).  
Includes index.  
ISBN 0-8108-1537-0  
1. Cable, George Washington, 1844-1925 - Bibliography. 2. American fiction - Bibliography. 3. الوائيات. I. القصص الإنجليزية - بيلوجرافيات المتحددة. I. Title II. Series
- 06150**
- 823.6009  
S 21 Al-Saif, Nasser  
1987 The relationship between city and country in Goldsmith's "She Stoops to conquer"/ by Nasser Al-Saif, 1987.  
15 leaves ; 30 cm.  
Thesis (M.A.) - Tennessee State University, 1987. - Bibliography: l. 15.  
1. Goldsmith, Oliver, 1728-1774 - Criticism and interpretation. 2. English fiction - 18th century - History and criticism. I. Title
- 06151**
- 823.8009  
J 596 Al-Johani, Faiza Matter  
1993 The concept of the hero in the Bildungsroman with reference to Samuel Butler's The way of all flesh and William Somerset Maugham's Of human bondage/ by Faiza Matter Al-Johani, 1993.  
vi, 101 leaves : ill. ; 28 cm.  
Thesis (M.A.) - Girl's College of Education, 1993. - Bibliography: l. 96-101.- with introduction and title in Arabic: مفهوم الرواية التعليمية.  
1. Bildungsroman. 2. Butler, Samuel - 1835-1902 - Criticism and interpretation. 3. Maugham William Somerset, 1874-1965 - Criticism and interpretation. 4. English fiction - 19th century - History and criticism 5. English fiction - 20th century - History and criticism. 6. German fiction- History and criticism. I. Butler, Samuel. The way of all flesh II. Maugham, William Somerset. Of human bondage III. Title
- 06152**
- 823.8009  
G 114 Gabr, Gabr M.  
1993 Step by step to Pride and Prejudice = التيسيط القصص prepared by Gabr M. Gabr.- Riyadh : Saudi Book House, 1993.  
[4], 57 p.; 28 cm.

1. Austen, Jane, 1775-1817 - Criticism and interpretation. 2. English fiction - 19th century - History and criticism. 3. Authors, English - 19th century. I. Austin, Jane. *Pride and Prejudice* II. Title. III. Title: تسيط القصة

**06153**

823.8009

S 15 Sadiq, Ebtisam Ali

1982 Bronte's journey to the East : the romantic quest in her fiction/ by Ebtisam Ali Sadiq, 1982.

ill, 169 leaves ; 29 cm.

Thesis (Ph.D.) - Ubyne State University, 1982. - Also available microfiche no. 949. - Bibliography: 165-166.

1. Bronte, Charlotte, 1810-1855 - Criticism, and interpretation. 2. English literature - 19th century - History and criticism. 3. English fiction - 19th century - History and criticism. 4. نقد، القصة الإنجليزية - I. Title

**06154**

823.912

A 81 Al-Aisawi, Sabah

1988 Polarity in the short stories of William Somerset Maugham/ presented by Sabah Al-Aisawi. - Dammam : Girls' Colleges, 1988.

vii, 312 leaves ; 29 cm.

Thesis (M.A.) - Girls' Colleges Dammam, 1988. - Bibliography: 1. 305-312.

1. Maugham, William Somerset, 1874-1965 - Criticism and interpretation. 2. Short stories, English - 20th century - History and criticism. 3. Novelists, English. 4. القصة، الرواية الإنجليزية - I. Title

**06155**

823.912

L 533 Al-Leil, Hind Reda Jamal Al-Leil

1987 The plight of contemporary man in the novels of Kingsley Amis up to 1988/ By Hind Reda Jamal Al-Leil, 1987.

252 p. ; 28 cm.

Thesis (Ph.D.) - Girls College of Education, 1987..

1. Amis, Kingsley, 1922- - Criticism and interpretation. 2. English fiction - 20th century - History and criticism. I. Title

**06156**

823.912009

G 341 Al-Ghamdi, Ahmad Yahya

1995 Marmaduke William Pickthall (1875-1936) and the literature of transition/ Ahmad Yahya Al-Ghamdi, 1995.

ix, 202 leaves ; 28 cm.

Thesis (Ph.D.) - Michigan State University, 1995. - Bibliography: 1. 196-202.

1. Pickthall, Marmaduke William, 1875-1936 - Criticism and interpretation. 2. English fiction - 20th century - History and criticism. I. Title

**06157**

823.912009

Z 11 Al-Zaben, Hana Ibrahim

1994 Disturbed relationships in Conrad's early novels/ Hana Ibrahim Al-Zaben, 1414 H, 1994.

viii, 99 l. ; 31 cm.

Thesis (M.A.) - King Abdulaziz University, 1994. - Bibliography: 1. 96-98.

1. Conrad, Joseph, 1857-1924 - Criticism and interpretation. 2. English fiction - 20th century - History and criticism. 3. Novelists, English - 20th century. I. Title

**06158**

823.912009

C 125 Calacattawi, Faiza Abdul-latif.

[1993] A linguistic analysis of simplified texts: a case study of Somerset Maugham's story "The man with the scar"/ by Faiza A. Calacattawi. - Makkah : Umm Al-Qura University, [1993].

36 p. : ill. ; 24 cm. - ( Social sciences research series ; 23).

Bibliography: p. 20.

1. Maugham, William Somerset, 1874-1965 - Criticism, Textual - Language -

Grammar. 2. English language - Grammar.  
3. English literature - 20th century -  
Criticism, Textual. 4. Authors, English - 20th  
century - Criticism and interpretation. 5. **موجه**.  
**وليم سومرست**. I. Maugharn, William Somerset.  
The man with the scar II. Title III. Series

**06159**

823.912009

Y 88 Yousef, Ragaa A. M.

1995 The formation of personality in Virginia  
Woolf's To the lighthouse and Mrs.  
Dalloway/ Ragaa A.M. Yousef, 1415 H,  
1995.

68 leaves ; 31 cm.

Thesis (M.A.) - King Abdul Aziz  
University, 1995. - Bibliography: I. 64-68.

1. Woolf, Virginia, 1882-1941 -  
Criticism and interpretation. 2. Woolf,  
Virginia, 1882-1941. To the lighthouse.  
3. Woolf, Virginia, 1882-1941. Mrs Dalloway.  
4. Personality in literature. I. Title

**06160**

823.914

L 136 Lagle, C.

1986 ... Is it you ?/ C. Lagle; [illustrated by]  
Mohammad Al-Sebaei, Ahmad Al-Deeb.-  
Riyadh : Al-Farazdak press, 1986.

38 p. : ill. ; 17 cm.

1. English fiction - 20th century.  
2. English fiction - Juvenile literature. I.  
Al-Sebaei, Mohammed, illus. II. Al-Deeb,  
Ahmad, illus. III. Title

**06161**

823.973009

E 94 Elyas, Sana Atalla

1980 Stephen Crane's Maggie: first American  
naturalistic novel/ by Sana Atalla Elyas,  
1980.

51 leaves ; 29 cm.

Thesis (M.A.) - California State University,  
Fullerton, 1980. - Also available microfiche no.  
1114. - Bibliography: L. 47-51.

1. American fiction - History and  
criticism. 2. Crane, Stephen, 1871-1900 -  
Criticism, Textual. 3. **القصص الأمريكية** -  
الولايات المتحدة - نقد. I. Title

**06162**

823.97302009

F 179 Fakahani, Suzan Jamil

1988 Irving's "The Alhambra": background,  
sources, and motifs/ Suzan Jamil  
Fakahani, 1988.

viii, 216 l. ; 29 cm.

Thesis (Ph.D.) - Florida State Univer-  
sity, 1988. - Bibliography: L. 203-216.

1. Irving, Washington, 1783-1859.  
The Alhambra. 2. Irving, Washington,  
1783-1859 - Criticism and interpretation.  
3. American fiction - 19th century -  
History and criticism. I. Title

**06163**

823.97303009

A 94 Abulreesh, Ali H.

1992 The unbroken thread : sequence and  
relatedness in Nathaniel Hawthorne's  
works **الخيوط الغير منقطع: التسلسل في أعمال ناثانييل**  
هاتورن / by Ali H. Abulreesh, 1992 .

iv, 255 leaves ; 31 cm.

Thesis (Ph.D.) - University of Essex,  
1992. - Bibliography: I. 237-255.

1. Hawthorn, Nathaniel, 1804-1864 -  
Criticism and interpretation. 2. American  
fiction - 19th century. 3. Authors, American  
- 19th Century. I. Title II. **الخيوط غير-**  
**المنقطع: التسلسل في أعمال ناثانييل هاتورن**

**06164**

823.97303009

F 25 Al-Farsy, Layla

1983 Washington Irving's Mahomet: a  
study of the sources/ by Layla Al-Farsy,  
1983.

202 leaves : ill., facsim. ; 29 cm.

Thesis (Ph.D.) - University of Wisconsin-  
Milwaukee, 1983. - Also available microfiche  
no. 502. - Bibliography: I. 196-202.

1. American fiction - History and criticism. 2. Irving, Washington, 1783-1859. 3. Prophet Muhammad's life. 4. ١٨٥٩ - ١٣٨٣ - رافعي، واشنطن، I. Title

**06165**

823.97303009

**H 117 Haddad, Sameeha Abdulrazzaq**

- 1993 The psychological aspects in Edgar Allan Poe's short stories : a critique/ by Sameeha Abdulrazzaq Haddad, 1993.

vi, 134, 2 leaves ; 31 cm.

Thesis (M.A.) - Girls College of Education, Jeddah, 1993. - Bibliography: l. 131-134. - With introduction in Arabic and title: *المظاهر النفسية في قصص ادغار آلان بـو: دراسة نقدية*.

1. Poe, Edgar Allan, 1809-1849 - Criticism and interpretation. 2. American fiction - 19th century - History and criticism. 3. American fiction - Stories, plots, etc.. 4. Authors, American - 19th century - Psychology. I. Title

**06166**

823.97304009

**K 528 Al-Kholief, Asma Abdullah**

- 1992 The female portrait in the works of two modern American novelists/ prepared by Asma Abdullah Alkholief, 1413 H, 1992.

161, 3, 3 leaves ; 30 cm.

Thesis (M.A.) - General Presidency for Female Education, 1992. - With Arabic summary at endpaper. - title: *صورة المرأة في أعمال اثنتين من الروائيتين الأمريكيتين في العصر الحديث*.

1. American fiction - 19th century - History and criticism. 2. American fiction - 20th century - History and criticism. 3. James, Henry, 1843-1916 - Criticism and interpretation. 4. Wharton, Edith, 1862-1937 - Criticism and interpretation. 5. Women in literature. 6. Novelists, American. I. Title

**06167**

823.973052

**S 34 Steinbeck, John**

- 1977 The pearl/ John Steinbeck; retold by M.J. Paine; illustrated by Clifford Bayly. - London : Heinemann Educational Books, 1977.

vii, 72 p. : ill. ; 18 cm. - (Heinemann guided readers : intermediate level ; 8).

ISBN 0-435-27007-9

Published for the Kingdom of Saudi Arabia, Ministry of Education.

1. American fiction - 20th century. I. Title

**06168**

823.973052009

**F 179 Fakahani, Suzan Jamil**

- 1982 Faulkner's women in "Light in August"/ by Suzan Jamil Fakahani, 1982.

84 leaves ; 29 cm.

Thesis (M.A.) - Florida State University, 1982. - Also available microfiche no. 1189. - Bibliography: l. 80-84.

1. Faulkner, William, 1897-1962 - Criticism, interpretation, etc.. 2. American fiction. 3. Faulkner, William, 1897-1962. Light in August. 4. نقد. I. Title II. Title 2: Light in August

**06169**

824.97303009

**B 179 Bakhsh, Jalaluddin K**

- 1982 "His own way": Thoreau's individualism in his life, and social and political thought/ by Jalaluddin K. Bakhsh, 1982.

viii, 72 leaves ; 29 cm.

Thesis (M.A.) - Florida State University, 1982. - Also available microfiche no. 1348. - Bibliography: l. 69-72.

1. Thoreau, Henry David, 1817-1862 - Criticism and interpretation. 2. American literature - 19th century. 3. Authors, American. 4. ١٨١٧ - ١٨٦٢ - ثوري، هنري ديفيد، I. Title

**06170**

828.6009

H 215 Al-Harby, Rajih

1984 Hester Thrale Piozzi's annotations of Boswell's "Life of Johnson"/ Rajih Al-Harby, 1984.

101 leaves ; 28 cm.

Thesis (M.A.) - University of Denver, 1984. - Bibliography: 1 98.

1. Boswell, James, 1740-1795. Life of Samuel Johnson. 2. Piozzi, Hester Lynch, 1741-1821. Anecdotes of Dr Johnson. 3. Johnson, Samuel, 1709-1784 - Biography. 4. Authors, English - 18th century - Biography - History and criticism. I. Title

06171

839.8226009

Z 14 Zamel, Dakhilallah Helal

1985 The guilt-complex in Ibsen's major social realistic plays/ by Dakhilallah Helal Zamel, 1985.

xi, 183 Leaves ; 31 cm.

Thesis (M.A.) - King Abdulaziz University, 1985. - Bibliography: 1. 177-182.- Abstract in Arabic at endpaper.

1. Ibsen, Henrik, 1828-1906 - Criticism and interpretation. 2. Norwegian drama - 19th century. 3. Guilt in literature. I. Title

06172

882.01009

G 346 Al-Ghoreibi, Fathia Saleh Ali

1991 Oedipus rex : in English and Arabic drama : a comparative study/ by Fathia Ali Al-Ghoreibi, 1991.

v, 266, 3 leaves ; 29 cm.

Thesis (Ph.D.) - Girls College of Education, Jeddah, 1991. - Bibliography: 1. 260-266. - with introduction and title in Arabic: الملك لوديب في المسرحية الانجليزية والعربية: دراسة مقارنة

1. Sophocles. Criticism and interpretation. 2. Sophocles. Oedipus Rex. English. 3. Sophocles. Oedipus Rex. Arabic. 4. Oedipus (Greek mythology) - Drama. 5. Oedipus (Greek mythology). 6. Greek drama. I. Title

06173

910.0712531

J 115 Jabr, Soliman Mohammed

1981 Individualizing geography instruction in Saudi Arabian secondary schools/ by Soliman Mohammed Jabr, 1981.

ix, 214 leaves : ill., map ; 29 cm.

Thesis (Ph.D.) - University of Kansas, 1981. - Also available microfiche no. 327. - Bibliography: 1. 182-190.

1. Geography - Study and teaching (Secondary) - Saudi Arabia. 2. Geography - Saudi Arabia - Textbooks. 3. الجغرافيا - تعليم - السعودية. I. Title

06174

910.0713531

J 115 Jabr, Soliman Mohammed

1977 Objectives, resource activities and application activities for the eighth grade geography textbook in Saudi Arabia/ by Soliman M. Jabr, 1977.

iv, 43 leaves ; 28 cm.

Thesis (M.Sc.) - University of Kansas, 1977. - Also available microfiche no. 1412. - Bibliography: 1. 41-43.

1. Geography - Study and teaching - Saudi Arabia. 2. Geography - Saudi Arabia - Textbooks. 3. الجغرافيا - تعليم - السعودية. I. Title

06175

910.285

S 96 Al-Sawydani, Saleh

1992 A Framework and conceptual guidelines for the implementation of geographic information systems in the government agencies of the Kingdom of Saudi Arabia/ by Saleh Alsawydani, 1992.

xv, 167, [60] leaves : ill. ; 28 cm.

Thesis (Ph.D.) - Carleton University, 1992. - Bibliography: 1. 158-66.

1. Geography - Saudi Arabia - Data processing. 2. Geographic information systems. 3. Information storage and retrieval systems - Saudi Arabia - Geography. I. Title

06176

910.70531

A 72 Assanee, Abdullah A.

1975 An analysis of the contemporary academic geography in Saudi Arabia/ by Abdullah A. Assanee, 1975.

ix, 165 leaves ; 29 cm.

Thesis (Ph.D.) - University of Oklahoma,

1975. - Also available microfiche no. 997. -

Bibliography: l. 137-141.

1. Geography - Study and teaching -

Saudi Arabia. 2. السعودية - تعليم - I. Title

Title

06177

911.531

S 32 Saleh, Nassir A.

1975 The Emergence of Saudi Arabian administrative areas : a study in political geography/ by Nasir A. Saleh.- Boston Spa, Wetherby, UK : British Library Document Supply Centre, 1975.

[5], xii, 369 leaves : ill., maps ; 28 cm.- ( British thesis).

Thesis (Ph.D.) - University of Durham,

1975. - Bibliography: l. 330-339.

1. Political geography. 2. Saudi Arabia - Administrative and political divisions. 3. Historical geography - Saudi Arabia. 4. السعودية - الجغرافيا السياسية

I. Title II. Series

06178

912.531

H 213 Al-Harbi, Ahmed Eid

1983 Maps and mapping activities in Saudi Arabia : annotation and cartobibliography/ by Ahmed Eid Al-Harbi, 1983.

x, 241 leaves map : ill., maps ; 29 cm.

Thesis (M.A.) - University of Washington,

1983. - Also available microfiche no. 1756. - Bibliography: l. 180-183.

1. Cartography - Saudi Arabia.

2. Maps - Saudi Arabia - Bibliography.

3. خرائط. I. Title

06179

912.5310285

R 14 Al-Ramadan, Baqer Mohamad

1993 A framework for a national effort towards geographic information and geographic information systems in Saudi Arabia/ by Baqer Mohammad Al-Ramadan, 1993.

xviii, 405 leaves ; 29 cm.

Thesis (Ph.D.) - University of Pennsylvania, 1993. - Bibliography: p. 359-392. -

Includes index. - Also available microfiche no. 3339.

1. Geographic information systems.

2. Information storage and retrieval systems - Saudi Arabia - Geography. 3. السعودية - جغرافيا

I. Title

06180

913.0310285

S 92 Al-Shukri, AH Mohammad S.A.

1983 Mossbauer parameters of some pottery sherds/ by Ali Mohammad S. Abdulkarim Al-Shukri, 1983.

x, 105 leaves : ill. ; 28 cm.

Thesis (M.Sc.) - University of South Carolina, 1983. - Also available microfiche no. 1642. - Bibliography: l. 99-105.

1. Archaeological physics. 2. Archaeological dating. 3. Mossbauer effect. 4. Pottery - Radiography. 5. علم الآثار. I. Title

06181

914.604

H 27 Hasan, Khola

1991 The crumbling minarets of Spain : a visitors guide for children/ Khola Hasan.- Jeddah : Abul-Qasim Bookstore, 1991.

32 p. : ill., maps, plans ; 21 cm.

ISBN 0-907461-62-X (PBK )

1. Spain - Description and travel - Juvenile literature. 2. Mosques - Spain - History - Juvenile literature. 3. Al-Andalus - Description and travel - Juvenile literature. I. Title

06182

915.300104

C 245 Carter, John R. L., (1934--)

1983 The Arabian Desert : a chronicle of contrast/ John Carter.- Jeddah, Saudi Arabia : IMMEL Pub., 1983.

111 p. : col. ill. ; 31 cm.

ISBN 0-907151-06-X

1. Arabian Peninsula - Description and travel. 2. Deserts - Arabian Peninsula. 3. Saudi Arabia - Description and travel. 4. السعودية - وصف. 5. الجزيرة العربية - وصف ورحلات. I. Title

**06183**

915.300104

G 341 Ghabban, Ali Ibrahim Hamed

1988 Introduction a l'etude archeologique des deux routes Syrienne et Egyptienne de pelerinage au nord ouest de l'Arabie Saoudite/ par Ali Ibrahim Hamed Ghabban, 1988.

723, 290 leaves: ill., maps, plans, facsim. ; 30 cm.

Thesis (Ph.D.) - Universite de Provence AixMarseille, 1988. - Bibliography: p. 638-702. - Includes index.

1. Al-Hajj routes - Egypt. 2. Al-Hajj routes. 3. Makkah - Bibliography. 4. Al-Hajj routes - Saudi Arabia. 5. Al-Hajj routes - Arabian Peninsula. 6. Arabian Peninsula - Antiquities. I. Title

**06184**

915.31

B 511 Bindagji, Hussein Hamza

1978 Atlas of Saudi Arabia/ Hussein Hamza Bindagji.- Oxford : Oxford University Press, 1978.

61 p. : ill., photos, maps ; 26 cm.

1. Saudi Arabia - Maps. 2. Geography - Saudi Arabia. 3. Cartography - Saudi Arabia. I. Title

**06185**

915.31

C 355 Chamber of Commerce and Industry for the Eastern Province

1990 Business guide to Saudi Arabia 1410H (1990)/ Economics and Research

Department.- Dammam : chamber of Commerce and Industry, 1990.

133 p. : ill. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Description and travel. 3. Saudi Arabia - Commerce - Handbooks, manuals, etc. 4. السعودية - وصف ورحلات. I. Title

**06186**

915.3102

W 41 Al Welaie, Abdullah Nasser Ali

1985 The Role of natural and human factors in the degradation of the environment in Central, Eastern, and Northern Saudi Arabia/ Abdullah Nasser Ali Al-Welaie.- Riverside, Calif.: University of California, 1985.

xviii, 453 p. : ill. ; 29 cm.

1. Physical geography - Saudi Arabia. 2. الجغرافية الطبيعية - السعودية. I. Title

**06187**

915.3102

D 11 DAA Enterprises, Inc.

1980 Geographical directory of Emirates and subemirates of the Kingdom of the Saudi Arabia (including population statistics for 1394 AH/ 1974 AD) prepared for the Saline Water Conversion Corporation, Riyadh, Kingdom of Saudi Arabia by DAA Enterprises Inc.- Riyadh : Saline Water Conversion Corporation, 1980.

68 p. : map ; 28 cm.

1. Geography - Saudi Arabia - Directories. 2. السعودية - جغرافيا - أدلة. I. Saline Water Conversion Corporation (Riyadh), corp. II. Title

**06188**

915.3102

F 25 Farsi, Zaki M. A.

1991 National guide and atlas of the Kingdom of Saudi Arabia : maps-information-statistics = الخرائط والبيانات - جغرافيا - أدلة. I. Saline Water Conversion Corporation (Riyadh), corp. II. Title

[2], 129 p. : col. ill., maps, ports ; 33 cm.

Includes index.

1. Saudi Arabia - Description and travel  
- Guidebooks. 2. - وصف وزحلات - كتب ارشادية  
عرائط الفارسي. I. Title II. Title.

06189

915.3103

S 85 Saudi Arabia. Ministry of Education

- 1975 An Introduction to Saudi Arabian  
antiquities/ photographed by Roger  
Wood.- Riyadh : Ministry of Education,  
1975.

176 p. : ill. ; 30 cm.

Text: English and Arabic.

1. Saudi Arabia - Antiquities. 2. - السعودية  
آ. I. Wood, Roger, photog. II. Title

06190

915.3104

- S 85 Saudi Arabia yesterday and today: an  
1989 information manual for tour guides/  
edited and compiled by Hisham I.  
Alammar and Abdalazeez A.  
AlSaadan. - Washington, D.C.:  
Embassy of Saudi Arabia. Cultural  
Attache to the U.S.A., 1989.

165, 35 p. : ill., map ; 23 cm.

1. Saudi Arabia - Description and  
travel - Guidebooks. 2. Saudi Arabia -  
Guidebooks. 3. Saudi Arabia - History.  
4. السعودية - وصف وزحلات - كتب ارشادية  
I. Al-Ammar, Hisham I., comp. II. Saadan,  
Abdalazeez A., comp. III. Saudi Arabia.  
Embassy (U.S.). Cultural Attache, comp.

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- W 892 Working and living in Saudi Arabia -  
[199-] Jeddah: Arabian Shape for studies and  
publication, [199-].

62 p. : col.ill., maps, ports. ; 24 cm.

1. Saudi Arabia - Description and  
travel. 2. Saudi Arabia - Guidebooks.  
3. السعودية - وصف وزحلات.

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D 334 Al-Dayel, Khalid A.

- 1984 Historical and archaeological landmarks  
of Darb Zabaydah/ by Khalid A. Al- Dayel -  
[s.l.] : [s.n.], 1984.

vi, 133 leaves : ill. ; 28 cm.

Thesis (M.A.) - California State  
University, 1984. Also available microfiche  
no. 1866. - Bibliography: l. 99-101.

1. Saudi Arabia - Description and  
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Arabia - Antiquities. 4. السعودية - وصف  
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R 183 Al-Rashid, Saad A.

- 1980 Darb Zubaydah : the pilgrim road  
from Kufa to Mecca/ Saad A. Al-Rashid.-  
1st ed.- Riyadh : Riyadh Universithes  
Libraries, 1980.

xxvi, 407 p. : ill. ; 24 cm.

1. Darb Zubaidah (Saudi Arabia) -  
Description. 2. Saudi Arabia - Description  
and travel. 3. Al-Hajj routes. 4. Saudi  
Arabia - Antiquities. 5. درب زبيدة (السعودية).  
I. Title II. Title: The Pilgrim road  
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- 1980 Darb Zubaydah : the pilgrim road from  
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**06195**

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M 661 Minden, Don

1986 Desert drifters = عابر الصحراء / by Don and Betty Minden .- Riyadh : the Authors, 1986.

xiii, 225 p. : ill., maps ; 25 cm.

1. Saudi Arabia - Description and travel. 2. Saudi Arabia - Social life and customs. I. Minden, Betty, j.a. II. Title III. عابر الصحراء.

**06196**

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P 436 Pesce, Angelo

1972 Colours of the Arab fatherland/ Angelo Pesce.- Riyadh : The author, 1972.

144 p. : ill. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Social conditions. 3. - السعودية تاريخ. I. Title

**06197**

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R 812 Royaume d'Arable Saoudite. Ministère de l'Information. Affaires de l'Information

Le guide du visiteur/ Ministre de l'Information, Affaires de l'Information.- Riyadh : Ministère de l'Information, 1993.

91 p. : col.ill. ; 19 cm.

1. Saudi Arabia - Description and travel - Guidebooks. 2. - وصف. I. Title

**06198**

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S 85 Saudi Arabia . Ministry of Information . [199-] Foreign Information

Features of Saudi Arabia/ Ministry of Information, Foreign Information.- Riyadh: Ministry of Information, [199-].

[18] p. : col.ill., map. ; 30 cm.

1. Saudi Arabia - Description and travel. 2. - وصف ورحلات. I. Title

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S 85 Saudi Arabia . Ministry of Information . 1993 Information Affairs

Visitor's guide/ Kingdom of Saudi Arabia, Ministry of Information, Information Affairs.- Riyadh : Ministry of Information, 1993.

91 p. : col. ill. ; 19 cm.

1. Saudi Arabia - Description and travel - Guidebooks. 2. - وصف ورحلات. I. Title

**06200**

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S 85 Saudi Arabia . Ministry of Information . [199-] Information Affairs. Insiding Information

Ahlan Wasahlan in Kingdom of Saudi Arabia/ Kingdom of Saudi Arabia, Ministry of Information, Information Affairs, Insiding Information.- Riyadh : Ministry of Information, [199-].: col. ill. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Description and travel I. Title

**06201**

915.3104

S 85 Saudi Arabian Airlines . Departimento [198-] Relazioni Pubbliche

Attraverso L'Arabia Saudita/ Saudi Arabian Airlines (Saudia).- Jeddah : Saudia, [198-].

143 p. : col.ill ; 20 cm.

1. Saudi Arabia - Description and travel. I. Title

**06202**

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S 85 Saudi Arabian Airlines . Publle Relations [198-] Department

Across Saudi Arabia/ Saudia Public Relations Department.- Jeddah : Saudia Public Relations Department, [198-].

143 p. : col. ill., maps ; 20 cm.

Includes index.

1. Saudi Arabia - Description and travel. 2. وصف ورحلات. I. Title II. Title: Saudi Arabia

06203

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S 85 Saudi Arabian T. V.

[199-] This is our country [videorecording]/ Saudi Arabian T.V.; scriptwriter Guy Dugdale; director Gunnar Bemert; produced by ARA International Productions.- Riyadh : ARA International Productions, [199-].

1 video cassette (VHS) (ca. 20 min.): sd., col.

1. Saudi Arabia - Description and travel. 2. Saudi Arabia - History. 3. السعودية. - I. Dugdale, Guy, auth. II. Bemert, Gunnar, d. III. ARA International Productions, corp. IV. Title V. Series

06204

915.311102

F 25 Farsi, Zaki M. A.

1990 Farsi maps Riyadh A to Z: Street and area maps, classified services directory with locations .../ produced and published by Zaki M.A. Farsi.- 1st ed.- [Jeddah]: The Author, 1990.

[4], 459 p. : col. ill., maps ; 29 cm.

Includes index.

1. Riyadh - Description - Guide books. 2. Riyadh - Maps. 3. Riyadh - Directories. 4. الرياض - خرائط. I. Title II. Title: Riyadh A to Z

06205

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R 528 Riyadh : la ville de l'avenir/ [sponsored by] [1987] Arab Urban Development Institute;

Ministry of Municipal and Rural Affairs.- [Riyadh]: [s.n.], [198-].

xxii, 523 : col. ill., ports ; 28 cm.

1. Riyadh - Description. 2. Saudi Arabia - Description and travel. 3. الرياض - وصف. I.

Arab Urban Development Institute (Riyadh), corp. II. Saudi Arabia. Ministry of Municipal and Rural Affairs

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R 528 Riyadh: the city of the future.- [Riyadh, Saudi Arabia]: Arab Urban Development Institute, [198-?].

xxii, 522 p. : col. ill. ; 30 cm.

1. Riyadh - Description. 2. Urban renewal - Riyadh. 3. الرياض - وصف. I. Arab Urban Development Institute, corp.

06207

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B 38 Beard, Armand

1978 Riyadh : the royal capital of the Kingdom of Saudi Arabia/ concept, research, survey by Armand Beard.- Riyadh : Tihama, 1978.

[3], 127 p. : col. ill., maps, ports ; 21 cm.- (City guide).

1. Riyadh - Description - Guide books. 2. Saudi Arabia - Description and travel - Guidebooks. 3. ادلة - وصف - الرياض. I. Title II. Series

06208

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R 843 Rugh, William A.

1969 Riyadh : history and guide : a brief historical survey of the development of Riyadh from a small desert town into the capital of Saudi Arabia - and a guide book to the city and its environs./ William A. Rugh.- Dammam, Saudi Arabia : Al-Mutawa Press, 1969.

viii, 112 p. : ill. ; 16 cm.

Bibliography: P. 111.

1. Riyadh - Description. 2. Saudi Arabia - Description and travel. 3. الرياض - وصف. I. Title

06209

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W 823 Al-Wohalbi, Abdullah

1969 The Northern Hijaz in the writings of the Arab geographers 800-1150/ by Abdullah Al-Wohalbi, 1969.

544 leaves : map (fold) ; 26 cm.  
Thesis (Ph.D.) - University of London,  
1969.

1. Hijaz - Description and travel.
2. Geography - Saudi Arabia. 3. وصف الحجاز - وصف ورحلات. I. Title

**06210**

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W 823 Al-Wohaibi, Abdullah

1973 The Northern Hijaz in the writings of the Arab geographers 800-1150/ Abdullah Al-Wohaibi.- Beirut : Al-Risalah Publishers, 1973.  
486 p. ; 24 cm.

Bibliography: p. [459]-469. - Includes index and map. Excerpts from author's Ph.D. thesis, 1969.

1. Hijaz - Description and travel.
2. Geography - Saudi Arabia. 3. الحجاز - وصف ورحلات. I. Title

**06211**

915.312302

J 349 Jeddah A-Z/ produced by Zaki M. A.

[1986] Farsi.- Jeddah: Zaki M. A. Farsi, [1986].

376 p. : col. ill., maps ; 26 cm.

Includes index.

1. Jeddah - Description. 2. Saudi Arabia - Description and travel - Guidebooks. 3. جدة - وصف ورحلة. I. Farsi, Zaki M. A., comp.

**06212**

915.312304

J 349 Jeddah today: /جدة اليوم/ compiled and

1993 produced by: Arab Circle for Advertisement - Jeddah: Jeddah Chamber of Commerce and Industry, 1993.  
370 p. : col. ill., maps ; 17 cm.

1. Jeddah - Description. 2. Jeddah - Guidebooks. 3. جدة - وصف. I. Arab Circle for Advertisement, corp. II. Title: /جدة اليوم/

**06213**

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J 349 Jeddah today, 1995-96/ Compiled and

[1995?] produced by Arab Circle for Advertisements.- Jeddah: Jeddah Chamber of Commerce and Industry, [1995?].

369 p. : col. ill., maps, ports. ; 17 cm.

1. Jeddah - Description. 2. Saudi Arabia - Description and travel. 3. - جدة. I. Jeddah Chamber of Commerce and Industry, corp. II. Arab Circle for Advertisement, corp.

**06214**

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J 349 Jeddah today June 1982.-Jeddah : Saudi Advertising, 1982.

127 p. : ill. ; 17 cm.

1. Jeddah - Description. 2. Jeddah - Guidebooks. 3. جدة - وصف. I. Saudi Advertising, corp.

**06215**

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T 326 Al-Thagafy, Sultan Ahmad

1987 Tourist attractions and facilities in at-Taif, Saudi Arabia/ by Sultan Ahmed Al-Thagafy, 1987.

ix, 116 leaves : ill. ; 28 cm.

Thesis (M.A.) - Eastern Michigan University, 1987. - Also available microfiche no. 538. - Bibliography: l. 112-116.

1. Al-Taif (Saudi Arabia) - Description. 2. Tourist trade - Saudi Arabia. 3. الطائف (السعودية) - وصف. I. Title

**06216**

915.31302

F 25 Farsi, Zaki M. A.

1991 Farsi maps Eastern region A to Z; Dammam - Alkhubar - Qatif: Classified services directory with locations ... = خرائط = خرائط المارسي Produced and published by Zaki M.A. Farsi.- 1st ed.- [Jeddah] : Zaki M.A. Farsi, 1991.

[5], 252 p. : col. ill., maps ; 29 cm.

Includes index.

1. Eastern region (Saudi Arabia) - Description and travel - Guidebooks. 2. Eastern region (Saudi Arabia) - Maps. 3. Eastern region (Saudi Arabia) - Directories. 4. المنطقة الشرقية (السعودية) - كتب. I. Title II. Title: Eastern region A to Z III. Title: خرائط المارسي

**06217**

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S 85 Saudi Arabian T. V.

[199-] Eastern province [videorecording] - Riyadh : ARA International Productions, [199-].

1 video cassette (VHS) (ca. 50 min.) : sd., col.

1. Eastern region (Saudi Arabia) - Description and travel. 2. Geography - Saudi Arabia - Eastern region. 3. Eastern region (Saudi Arabia) - History. 4. Saudi Arabia - Description and travel. I. Al-Hassan, Mansour, prod. II. Bernert, Gunnar, d. III. ARA International Production, prod. IV. Title V. Series

06218

915.314803

M 88 Al-Muaidel, Khaleel Ibrahim

1994 Study of the archaeology of the Jawf Region, Saudi Arabia/ by Khaleel Ibrahim Al-Muaidel- Riyadh : King Fahd National Library, 1994.

xxii, 466 p. 80 plates : ill. ; 24 cm.

Summary in Arabic with title at endpaper : دراسة لأثار منطقة الجوف. - Copy 7 and 8 available in legal deposit section. - Bibliography: p 311-334.

ISBN 9960-00-011-7

1. Archaeology - Saudi Arabia - Jawf. 2. Jawf (Saudi Arabia) - Antiquities. 3. الجوف (السعودية) - الآثار. I. Title II. Title III. منطقة الجوف: دراسة لأثار منطقة الجوف

06219

915.315

T 342 Al-Thenayian, Mohammed A. Rashed

1993 An archaeological study of the Yemeni highland pilgrim route between Sar'a and Mecca/ by Mohammed A. Rashed al-Thenayian, 1993.

2 v. : ill., maps ; 30 cm.

Thesis (Ph.D.) - University of Durham, 1993. - Volume 2 contains plates, tables and maps. - Bibliography: l. 472-519.

1. Southern region (Saudi Arabia) - Description and travel. 2. Yemen - Description and travel. 3. Al-Hajj routes. 4. Al-Hajj routes - Yemen. 5. طرق الحج. I. Title

06220

915.315

M 442 Mauger, Thierry

[199-] A l'Ombre des tentes noires/ Thierry Mauger et Danielle Mauger.- [Jeddah] : Tihama, [199-].

[163] p in various pagings : chiefly col. ill., maps ; 30 cm.

1. Southern region (Saudi Arabia) - Description and travel. 2. وصف - السعودية - رحلات. I. Mauger, Danielle, j.a. II. Title

06221

915.3151

S 85 Al-Saud, Noura bin Mohammad

1989 Abha Bilad Asir : South-Western region of the Kingdom of Saudi Arabia/ by Noura bint Muhammad Al-Saud, Al-Jawharah Muhammad al-Angari and Madeha Muhammad Al-Ajroush.- Riyadh: Noura bint Muhammad Al-Saud, 1989.

264 p. : ill; 32x24 cm

ISBN 0-905906-82-9

1. Abha (Saudi Arabia) - Social life and customs. 2. Saudi Arabia - Social life and customs. 3. العادات - البادية. I. Al-Angari, Al-Jawharah Muhammad, j.a. II. Al-Ajroush, Madeha Muhammad, j.a. III. Title

06222

915.3151

R 812 Royaume d'Arabie Saoudite. Ministère de l'Information

1975 Le Barrage de Wadi Abha et aperçu d'Assir/ Ministère de l'Information. - [Riyadh] : Ministère de l'Information, 1975.

82 p. : col. ill., ports. ; 17X20 cm.

1. Abha (Saudi Arabia) - Description. 2. Asir (Saudi Arabia) - Description and travel. 3. Abha Dam (Saudi Arabia). 4. Dams - Saudi Arabia. I. Title

06223

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S 85 Saudi Arabia . Ministry of Information .  
1987 Information Affairs

Al-Baha : a summer and a winter  
resort/ prepared by Abdullah Ahmad Al-  
Afandi.- Riyadh : Ministry of Information,  
1987.

79 p. : ill, maps. ; 24 cm.

1. Saudi Arabia - Description and travel  
- Guidebooks. 2. Al-Baha (Saudi Arabia) -  
Description - Views. 3. Al-Baha (Saudi  
Arabia) - History. 4. وصف (المسعودية) - I.  
Al-Afandi, Abdullah Ahmad, comp. II. Title

**06224**

915.315204

S 85 Saudi Arabian T. V.

[199-] Gizan [video recording]/ Saudi Arabian  
T.V.; produced by ARA International  
Productions; director : Yahya Tawfiq.-  
Riyadh : ARA International Productions,  
[199-].

1 video cassette (VHS) (ca.45 min.):  
ad., col.- ( Saudi).

1. Jazan (Saudi Arabia) - Description  
and travel. 2. Jazan (Saudi Arabia) -  
History. 3. Geography - Saudi Arabia -  
Jazan. 4. Saudi Arabia - Description and  
travel. I. ARA International Productions,  
corp. II. Tawfiq, Yahya, d. III. Title IV.  
Series

**06225**

915.3153

N 145 Najran: desert garden of Arabia = النجران

1983 Photographs by Tchekof Minosa; text  
by Patricia massari and Cherbel  
Dagher .-Paris: Scorpio Editeur ,  
1983.

[150] p. : col.ill ; 33 cm.

Text in Arabic and English.

1. Najran (Saudi Arabia) -Description.  
2. Najran (Saudi Arabia) -History. 3. Saudi  
Arabia - Description and travel. 4. النجران  
(المسعودية) - وصف ورحلات I.Minosa, Tchekof,

ill. II.Massari, Patricia, auth. III. Dagher,  
Cherbel, j.a. IV. Title: Desert garden of  
Arabia : Najran V. Title: النجران

**06226**

915.315304

S 85 Saudi Arabian T. V.

[199-] Najran [video recording]/ Saudi Arabia  
T.V.; written and directed by Mahmoud  
Samy Atallah; film by ARA International  
Productions.- Riyadh : ARA International  
Productions,[199-] .

1 video cassette (VHS) (ca. 35 min.):  
ad., col.- ( Saudi).

1.Najran (Saudi Arabia) -Description.  
2.Najran (Saudi Arabia) - History.  
3.Geography - Saudi Arabia - Najran.  
4.Saudi Arabia - Description and travel. I.  
Atallah, Mahmoud Sami, d. II. ARA  
International Productions, corp. III. Title IV.  
Series

**06227**

915.315604

S 85 Saudi Arabian T. V.

[199-] Al-Baha [video recording]/ Saudi  
Arabian T.V.; produced by ARA  
International Productions; directed by Yahya  
Tawfiq .- Riyadh : ARA International  
Productions, [199-].

1 video cassette (VHS) (ca. 40min.):  
ad., col.

1.Al-Baha (Saudi Arabia)-Description.  
2.Saudi Arabia - Description and travel.  
3.Al-Baha (Saudi Arabia) - History. 4. Al-  
Baha (Saudi Arabia) - Geography. I. Tawfiq,  
Yahya, d. II. ARA International Productions,  
corp. III. Title IV. Series

**06228**

920.0531

W 62 Who's who in Saudi Arabia 1976 - 77 /

1977 edited by M. Samir Sarhan .- Jeddah:  
Tihama, 1977.

xv, 272 p. ; 24 cm.

ISBN 0-905118-02-2

1.Saudi Arabia - Biography -  
Dictionaries. 2. السعودية - تراجم - معاجم.  
I. Sarhan, Muhammad Samir Jabir.

**06229**

920.0531

W 62 **Who's Who in Saudi Arabia 1983 - 1984/**  
1989 Faisal A. Hafiz, Samir A. Murshid.  
editors.- 3rd ed. - Jeddah: Tihama,  
1989.

xxiv, 375 p.; 24 cm.

Includes index.

1.Saudi Arabia-Biography- Dictionaries.  
2. السعودية - تراجم - معاجم. I. Hafiz, Faisal A., ed.  
II. Murshid, Samir A., ed.

**06230**

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W 62 **Who's who in Saudi Arabia, 1978 - 79/**  
1978 edited by M. Samir Sarhan. - Jeddah:  
Tihama, 1978.

xvi, 309 p.; ill.; 24 cm.

ISBN 0-905118-28-6

Includes index.

1.Saudi Arabia-Biography- Dictionaries.  
2. السعودية - تراجم - معاجم. I. Sarhan,  
Muhammad Samir Jabir.

**06231**

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A 81 **Attar, Ahmad Abdol Ghafour**  
2nd e Muhammad ibn Abdel Wahab/ by  
1979 Ahmad Abdol Ghafour Attar; translated by  
Rashed Al-Barrawi. - 2nd ed.- Riyadh:  
Imam Mohamed Bin Saud Islamic  
University, 1399 H, 1979.

175 p.; 24 cm.

At head of title : Week of : Sheik  
Muhammad ibn Abdel Wahab.

1. Mohammed ibn Abdel Wahhab ibn  
Sulaiman, d. 1206 H. - Biography. 2. Islamic  
movements. I. Al-Barrawi, Rashed, tr. II Title

**06232**

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M 98 **Mutawa, Abdullah M.**

1989 The ulama of Najd from sixteenth  
century to the mid-eighteenth century/ by  
Abdullah M. Mutawa.- 1989

2 v.; 29 cm.

Thesis (Ph.D.)- University of California,  
Los Angeles, 1989.- Also available microfiche  
no. 2604. - Bibliography: p. 384-391.

1. Religious biography- Saudi Arabia.  
2. Religious biography - Saudi Arabia -  
Central region. 3. الإسلام - السعودية -  
I. Title

**06233**

923.153107

M 98 **Mutawia, Hamid H.**

1979 Faisal and the fidelity of history/ by  
Hamid H. Mutawia.- Makkah al-  
Mukarrama : Mecca Cultural Club, 1979.

84 p.; 25 cm.

1. Saudi Arabia - History. 2. Faisal  
ibn Abdulaziz, 1905-1975, King of Saudi  
Arabia. 3. فيصل بن عبدالعزيز آل سعود، ١٩٠٥ -  
١٩٧٥. I. Title

**06234**

923.153109

S 85 **Saudi Arabia. Ministry of Information**

[198-] H.R.H. Crown Prince Fahd Bin Abdul  
Aziz/ Ministry of Information. - Riyadh :  
Ministry of Information, [198-].

63 p.; ill. (some col.), ports.; 23 cm.

1. Fahd ibn Abdulaziz Al Saud, King  
of Saudi Arabia. 2. Saudi Arabia - Kings  
and rulers. 3. Saudi Arabia - History.  
4. فهد بن عبدالعزيز آل سعود، ١٩٨٢، ملك المملكة  
العربية السعودية. I. Title

**06235**

923.173

S 25 **Al-Sohaibani, Abdolrahman Saleh**

1991 President Reagan's role as chief  
legislator : explaining variations in  
congressional support for presidential  
legislation, 1981-1988/ by Abdolrahman  
Saleh Al-Sohaibani.- [s.l.] : [s.n.], 1991.

xiv, 298 leaves; 28 cm.

Thesis (Ph.D.) - Indiana University,  
1991. - Bibliography: l. 287-298.

1. Regan, Ronald Wilson, 1911- - Biography. 2. Presidents - United States - Election - 1980. 3. Presidents - United States - Election - 1984. 4. ريجان، رونالد، رئيس الولايات المتحدة

**06236**

923.242

A 19 Anbar, Aziza Mohammad

- 1988 The Middle East in Disraeli's imperial imagination/ by Aziza Mohammad Anbar. - [s.l.] : [s.n.], 1988.

vii, 192 leaves ; 28 cm.

Thesis (Ph.D.) - Claremont Graduate School, 1988. - Also available microfiche no. 1932. - Bibliography: l. 187-192.

1. Disraeli, Benjamin, 1st Earl of Beaconsfield, 1804-1881 - Biography - Biography. 2. Middle East - History. 3. Britain - Politics and government - 1837-1901. 4. تاريخ الشرق الأوسط - تاريخ. I. Title

**06237**

928.1

A 15 Abahsain, Muhammad M.

- 1983 Ahmad B. Abi Numai and his Diwan : the perceptible intertwining of politics and poetry in Mecca during the eleventh century A.H./ by Muhammad M. Abahsain. - 1983.

2 v. ; 28 cm.

Thesis (Ph.D.) - University of Utah, 1983. - Bibliography: l. 96-100. - Also available microfiche no. 480. - Part 2 in Arabic.

1. Ibn Abi Numi, Ahmad Masud, d. 1042 H.. 2. Arabic poetry. 3. ابن أبي نجي، أحمد بن أحمد، ١٠٤٢ هـ -

**06238**

928.1

M 112 Al-Maatani, Abdullah Salem

- 1984 A critical appraisal of ibn Bassam's literary criticism in Al-Dhakira/ by Abdullah Salem Al-Maatani, 1984.

306 leaves ; 30 cm.

Thesis (Ph. D.) - University of Exeter, 1984. - Bibliography: l. 292-306.

1. Ibn Bassam, Ali ibn Bassam, d. 542. Al-Dhakira - Criticism and interpretation. 2. Arabic literature - Al-Andalus - History and criticism. 3. Arabic poetry - Al-Andalus - History and criticism. 4. Poets, Arab - Al-Andalus - Biography. I. Title

**06239**

929.709531

A 11 Arable Saoudite. Ministère de l'Information. [197-]

Direction General de la Presse

S.A.R. El Principe Heredero Fahd bin Abdul Aziz/ Ministerio de Informacion. - [Riyadh] : Ministerio de Informacion, Direction General de la Presse, [197-].

63 p.:ill. (Some col.), ports., map. 23 cm.

1. Fahd ibn Abdulaziz Al Saud, Prince. 2. Princes - Saudi Arabia. 3. فهد بن عبدالعزيز آل سعود، ١٩٨٢، ملك للمملكة العربية السعودية. I. Title

**06240**

930.1015430882

N 188 Nassar, Rafat M.

- 1984 Study of the origin of Mexican Indian potsherds by means of neutron activation analysis/ Rafat M. Nassar, 1984.

v, 68 leaves : ill. ; 29 cm.

Thesis (M.Sc.) - Iowa State University, 1984. - Bibliography: l. 64-67.

1. Radioactivation analysis in archaeology. 2. Nuclear activation analysis. 3. Pottery, Mexican. 4. Ostraka. I. Title

**06241**

930.10285

R 949 Al-Ruzaiza, Abdulrahman Sulaiman

- 1994 Estimating the historical timespan of archaeological phenomena/ Abdulrahman Sulaiman Al-Ruzaiza, 1994.

xxi, 353 leaves : ill. ; 30 cm.

Thesis (Ph.D.) - University of Glasgow, 1994. - Bibliography: l. 345-353.

1. Archaeological dating. 2. Radiocarbon dating. 3. Dendrochronology. 4. Calibration. I. Title

**06242**

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S 14 Sidqi, Kamal M.

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Includes index.

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C 126 Calcuttawi, Mohammad - Nour

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A 32 Abdul-Rahman, Al-Kabawi

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25 leaves, 12 leaves : ill. ; 29 cm.

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1. Bronze age - Palestine - History.  
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18 leaves : ill. ; 29 cm.

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2. Jarmo site (Iraq). 3. Iraq - Antiquities.  
4. العراق - تاريخ قديم. I. Title

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2. Social archaeology - Arabian peninsula.  
3. Social history. 4. Archaeology - Arabian Peninsula. 5. Social structure - Arabian peninsula. 6. الجزيرة العربية - الآثار. I. Title

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176 p. : col. ill., photos. ; 30 cm.

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2. World War, 1914-1918 - Jews.
3. Wolf, Lucien, 1857-1930 - Contributions in diplomacy.
4. World War, 1914-1918 - Diplomatic history.
5. Jews - Britain - Politics and government.
6. Britain - Foreign relations - 1910-1936. I. Title II. Series

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K 526 Al-Khalidi, Abdullah S.

- 1987 The Moslem community in the country of nations : the socialist federal republic of Yugoslavia/ by Abdullah S. Al-Khalidi, 1987.

xi, 116 leaves : ill., maps ; 29 cm.

Thesis (M.A.) - Eastern Michigan University, 1987. - Also available microfiche no. 1475. - Bibliography: l 114-116.

1. Bosnia and Hercegovina - History - 1463-1878.
2. Muslims - Yugoslavia.
3. Yugoslavia - History.
4. - الجورسة والموسك - تاريخ. I. Title

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1. Muslims - Bosnia and Hercegovina - History - 20th century.
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2. Islamic civilization.
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A 46 Athopaiti, Aydh

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S 69 Sowayan, A. Saad

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1. Oral history.
2. Arabian Peninsula - History - Methodology.
3. Ethnology - Arabian Peninsula - History - Methodology.
- I. Title II. Series

**06260**

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K 528 Al-Khoshiban, Shayee I.

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399 leaves : ill., maps, facsimiles ; 30 cm.

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A 47 Al-Askar, Abdulrah

1985 Regional politics : a case study : al Yamama in the 6th and 7th centuries/ Abdullah Al-Askar.- Los Angeles : University of California, 1985.

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K 156 Al-Kathiri, Faisal H.

1980 Succession to the Caliphate in early Islam/ by Faisal H. Al-Kathiri, 1980.

v, 125 leaves ; 29 cm.

Thesis (M.A.) - Portland State University, 1980. - Also available microfiche no. 1093. - Bibliography: p. 110-117.

1. Caliphate. 2. Islamic history. 3. Islam and politics. 4. الخلافة الراشدة. I. Title

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J 869 Jrais, Ghithan Ali

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R 818 Rozi, Abdulghafour Ismail

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xxiv, 470 l. : ill. ; 29 cm.

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1. Spain - History - 711-1516. 2. Scholars, Muslim - Al-Andalus - History - 711-1516. 3. Al-Andalus - History. 4. Ulama - Spain - History - 711-1516. 5. تاريخ - الاندلس. I. Title

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Richard the lion heart and Salah Ad-Din Al-Ayyubi : a historical comparative study/ by Aljouharah Bent Saleh Ben Abd-Arrahman Almayman, 1993.

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1. Crusades. 2. Islamic history - 750-1258. 3. Church history - Middle ages, 600-1500. 4. Richard I, Coeur de Lion, 1157-1199, King of England. 5. Salah Al-Din Al-Ayoubi, Yusuf ibn Ayub d. 589H. 6. الحروب الصليبية. I. Title

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H 642 Al-Hiyed, Abd-Allah Hamid

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Al al-Qasim, 1626-1732/ by Abd-allah Hamid al-Hiyed.- Boston spa, Wetherby, Eng : British Library Document Supply Centre, 1973.

viii, 249 leaves : ill., maps ; 27 cm.-  
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1. Yeman - History, 1626-1732.

2. Arabia Southern - History 1626-1732. 3.

Yemenite Imamates. 4. الجزيرة العربية - تاريخ.

I. Title II. Series

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Q 65 Qusti, Saud Hussein

1979 The Mongol of the fertile crescent/ by Saud Hussein Qusti. 1979.

iv, 220 leaves ; 29 cm.

Thesis (M.A.) - Michigan State University, 1979. - Also available microfiche no. 1092. - Bibliography: 1. 216-220.

1. Mongols - History. 2. Islamic Empire - History - 1258-1517. 3. المغول - تاريخ. I. Title

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K 528 Al-Kholaiif, Ali I.

1977 The characteristics of the Mamluk state and the power and influence of its military society on its general economy/ by Ali I. Al-Kholaiif, 1977.

101 leaves ; 29 cm.

Thesis (M.A.) - University of Wisconsin, 1977. - Also available microfiche no. 1084. - Bibliography: 1. 94-101.

1. Mamelukes. 2. Egypt - History - 1250-1517. 3. دولة المماليك. I. Title

**06269**

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B 115 Bebear, Abdul-Wahab S.

1987 Ottoman penetration of the eastern region of the Arabian Peninsula 1814-1841/ by Abdul-Wahab S. Bebear.- Ann Arbor, Mich : University Microfilms International, 1987.

viii, 152 p. : ill. ; 22 cm.

Thesis (Ph.D.) - Indiana University, 1985. - Bibliography: p. 145-152. - Also available microfiche no. 2560.

1. Saudi Arabia - History, 1814-1841. 2. Turkey - History - Ottoman Empire, 1288-1918. 3. - تاريخ - السعودية. I. Title

**06270**

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A 76 Al-Amr, Saleh Muhammad

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255 p. : maps ; 24 cm.

Thesis (Ph.D.) - University of Leeds, 1974.

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J 822 Joudah, Ahmad Hasan

1971 A History of the movement of Shaykh Zahir Al- Umar Al-Zaydani (1690?-1775)/ by Ahmad Hasan Joudah, 1971.

2 v. (ix, 323 leaves) ; 29 cm.

Thesis (Ph.D.) - University of Michigan, 1971. - Also available microfiche no. 1043. - Bibliography: 1. 307-323.

1. Syria - History - 1516-1918. 2. Al-Zaydani, Zahir Al-Umar - 1690?-1775. 3. Turkey - History - Ottoman Empire, 1288-1918. 4. سوريا - تاريخ - العصر العثماني. I. Title

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A 13 Aramco handbook/ Roy Lebckicher ... [et al.] - Dhahran: Aramco, 1960.

343 p. : ill ; 28 cm.

Includes index.

1. Saudi Arabia - History. 2. Arab countries - History. 3. Petroleum - Saudi Arabia. 4. السعودية - تساربخ. I. Leblicher, Roy, ed. II. Title

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A 13 **Aramco handbook: oil and the Middle East**. - Dhahran: Arabian American Oil Co., 1968.

279 p. : ill. ; 29 p.

Includes index.

1. Saudi Arabia - History. 2. Arab countries - History. 3. Petroleum - Saudi Arabia. 4. السعودية - تاريخ. I. Title

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S 85 **Saudi Arabia/ Ministry of Information**. -

[19-] Riyadh: Ministry of Information, [19-].

ca. 100 p. : col. ill., ports; 30 cm.

Text in English, French and German.

1. Saudi Arabia - History - Pictorial works. 2. Saudi Arabia - Social conditions. 3. Saudi Arabia - Economic conditions. 4. Saudi Arabia - Description and travel. I. Saudi Arabia. Ministry of Information

**06275**

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F 25 **Al-Farsy, Fouad, Abdel Salam (1964--)**

1990 **Modernity and tradition : the Saudi equation/ Fouad Al-Farsy**. - London : Kegan Paul International, 1990.

xxiii, 337 p. : ill., maps, ports. ; 26 cm.

ISBN 0-7103-0395-5

Bibliography: p. 322. - Includes index.

1. Saudi Arabia - History. 2. Saudi Arabia - Politics and government. 3. السعودية - تاريخ. I. Title

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1991 **Modernity and tradition : the Saudi equation/ Fouad Al-Farsy**. - London : Kegan Paul International, 1991.

xxiii, 337 p. : ill., map, ports. ; 26 cm.

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1. Saudi Arabia - History. 2. Saudi Arabia - Politics and government. 3. السعودية - تاريخ. I. Title

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xxiii, 344 p., 8 l. of plates :

ill., maps, ports. ; 25 cm.

Bibliography: p. 325. - Includes index.

ISBN 1-874132-08-9 (HBK)

1. Saudi Arabia - History. 2. Saudi Arabia - Politics and government. 3. Saudi Arabia - Economic conditions. 4. السعودية - تاريخ. I. Title

**06278**

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H 225 **Al-Hariri-Rifal, Wahabi**

1990 **The Heritage of the Kingdom of Saudi Arabia/ Wahbi Al-Hariri Rifai and Mokhless Al-Hariri-Rifai**. - Washington, D. C. : GDS Publications, 1990.

310 p. : chiefly col. ill. ; 31 cm.

ISBN 0-9624483-0-3

1. Saudi Arabia - History. 2. السعودية - تساربخ. I. Al-Hariri-Rifai, Mokhless, a. II. Title III. Title: Kingdom of Saudi Arabia

**06279**

953.1

J 339 **Al-Jazairi, Mohamed Zayyan**

1970 **Saudi Arabia : a diplomatic history, 1924-1964/ by Mohamed Zayyan Al-Jazairi**, 1970.

x, 401 leaves ; 21 cm.

Thesis (Ph.D.) - University of Utah, 1970. - Also available microfiche no. 958. - Bibliography: l. 364-399.

1.Saudi Arabia - History - 20th century.  
2.Saudi Arabia - Social conditions. 3.Saudi Arabia - Foreign relations. 4. Saudi Arabia - Politics and government. 5. تاريخ السعودية. I. Title

**06280**

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A 71 Assa, Ahmed

1969 Miracle dans les sables : Arabie Saoudite/ Ahmed Assa.- Paris : Adrien Maisonneuve, 1969.

288 p. : col. ill., maps ; 25 cm.

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1. Saudi Arabia - History. 2. Saudi Arabia - Politics and go. 3. Saudi Arabia - Economic policy. 4. تاريخ السعودية. I. Title

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D 24 Dar Al-Ufuq for Publishing and Distributing

1995 Research and Publication Department (Riyadh)

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151 p. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Politics and government. I. Title

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M 261 El-Madani, Abdalla

1993 Finjan gahwa (a cup of coffee) and a bit of everything/ by Abdalla Elmadani.- Dammam: Alwafa Printing Press, 1414 H, 1993.

336 p. : col.ill., maps, ports ; 21 cm.

Includes index.

1. Saudi Arabia - History. 2. Saudi Arabia - Civilization. 3. السعودية تاريخ. I. Title

**06283**

953.1

G 569 Goldrup, Lawrence Paul, (1936--)

1971 Saudi Arabia : 1902-1932 : the development of a Wahhabi society/ by Lawrence Paul Goldrup. - 1971.

x, 476 leaves : maps ; 21 cm.

Thesis (Ph.D.)- University of California, 1971. - Also available microfiche no. 864. - Bibliography: l. 465-476.

1.Saudi Arabia - History. 2.Wahhabiyah - Saudi Arabia - History. 3.Al-Haraka - Us-Salafiyah - Saudi Arabia - History. 4. السعودية تاريخ. I. Title

**06284**

953.1

R 183 Rashid, Nasser Ibrahim

1987 King Fahd and Saudi Arabia's great evolution/ Nasser Ibrahim Rashid and Esber Ibrahim Shaheen.- Joplin, Mo. : International Institute of Technology, 1987.

xi, 342 p. : col., ill., maps, ports. ; 24 cm. ISBN 0-940485-00-1

Bibliography: p. 316-332. - Includes index.

1. Saudi Arabia - History. 2. Fahd ibn Abdulaziz Al Saud, 1982 -, King of Saudi Arabia. 3. Saudi Arabia - Economic conditions. 4. تاريخ السعودية. I. Shaheen, Esber Ibrahim, j.a. II. Title

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1995 Saudi Arabia : all you need to know/ Nasser Ibrahim Rashid and Esber Ibrahim Shaheen.- Joplin, Missouri : International Institute of Technology, 1995.

x, 352 p. : col.ill., maps, ports. ; 24 cm.

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R 812 **Royaume d'Arabie Saoudite. Ministère de l'Information . Information Exterieur**

Le Royaume d'Arabie Saoudite : histoire, civilisation, developpement/ Royaume d'Arabie Saoudite, Ministère de l'Information, Information Exterieur.- Riyadh: Ministère de l'Information,[199-].

84 p. : col., ill., map, ports. ; 21 cm.

1. Saudi Arabia - Description and travel. 2. Saudi Arabia - History. 3. - السعودية تاريخ

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S 31 **Salah, Said**

1978 **Panorama of Saudi Arabia/ by Said Salah.- 2nd ed.- Dhahran : IPA, 1978.**

650 p. : ill. ; 30 cm.

1. Saudi Arabia - History. 2. - السعودية تاريخ. I. Title

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S 85 **Saudi Arabia . Ministry of Information**

[19--] **Saudi Arabia.- Riyadh : Ministry of Information,[19--].**

136 p. : col. ill., maps ; 30 cm.

1. Saudi Arabia - History. 2. - السعودية تاريخ. I. Title

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S 85 **Saudi Arabia. Ministry of Information**

[198-] **Saudi Arabia/ Ministry of Information.- Riyadh : Ministry of Information,[198-].**

ca. [152] p. : chiefly col. ill., map, ports. ; 30 cm.

Text in English, French and Spanish.

1. Saudi Arabia - History. 2. Saudi Arabia - Social policy. 3. - السعودية تاريخ. I. Title

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S 85 **Saudi Arabia. Ministry of Information**

[198-] **Saudi Arabia/ Ministry of Information.- Riyadh : Ministry of Information,[198-].**

ca 152 p. : col.ill., map, ports. ; 30 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Description and travel. 3. - السعودية تاريخ. I. Title

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S 85 **Saudi Arabia. Ministry of Information**

1979 **Saudi Arabia and its place in the world/ Kingdom of Saudi Arabia, Ministry of Information.- Jeddah : Dar Al-Shorouq, 1979.**

195 p. : col.ill, maps, ports. ; 30 cm.

Bibliography: p. 189-90. - Includes index.

ISBN 2-88042-001-6

1. Saudi Arabia - History. 2. Saudi Arabia - Description and travel. 3. - السعودية تاريخ. I. Title

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S 85 **Saudi Arabia. Ministry of Information**

1987 **Saudi Arabia between yesterday and today.- Riyadh : Ministry of Information, 1987.**

128 p. : ill. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Civilization. I. Title

**06293**

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S 85 **Saudi Arabia . Ministry of Information .**

1994 **Foreign Information**

**Saudi Arabia landmarks of progress/ Ministry of Information; Kingdom of Saudi Arabia.- 1st ed.- Riyadh : Dar Al-Ufuq, 1415 H,1994.**

120 p. : col.ill., ports. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. 3. Saudi Arabia - Politics and government . I. Title

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S 85 Saudi Arabia . Ministry of Information .

[198-] Interior Information

This is our country/ prepared and designed by Internal Information, Ministry of Information, Information Affairs.- Riyadh : Ministry of Information,[198-].

163 p. : col. ill ; 24 cm.

1. Saudi Arabia - History. 2. - السعودية

تاريخ. I. Title

06295

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S 85 Saudi Arabia . Ministry of Information .

1992 Interior Information

This is our country/ prepared and designed by : Internal Information, Ministry of Information, Information Affairs.- [Riyadh] : Ministry of Information, Saudi Arabia, 1414 H,1993.

249 p. : col.ill., maps. ports ; 24 cm.

1. Saudi Arabia - History. 2. - السعودية

تاريخ. I. Title

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S 85 Saudi Arabia . Ministry of Information .

[19-] Internal Information Department

Features from Saudi Arabia/ Ministry of Information, Internal Information Department.- [Riyadh] : Ministry of Information,19-.

107 p. : col. ill., ports., map ; 23 cm.

2. Cities and towns - Saudi Arabia.

3. السعودية - تاريخ. I. Title

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953.1

S 85 Saudi Arabian T.V.

1992 Saudi heritage and culture [Video

recording/ Script: M. Baha Addeen; produced by ARA International Productions; production manager: A. Al-Ghulagh; director: Mohammed M. Al-Otaibi.- Riyadh : ARA International Productions,1992.

1 Video cassette (VHS) (ca. 45 min.)

: sd., col.- (Saudi).

1. Saudi Arabia - Civilization. 2. Saudi Arabia - History. 3. Saudi Arabia - Social life and customs. 4. Art - Saudi Arabia. 5. Saudi Arabia - Cultural policy. I. Baha Addeen, M., ed. II. Al-Otaibi; Mohammed Mogbil, d. III. ARA International Productions, corp. IV. Title

06298

953.1

Z 62 Ziegler, Victor W.

1990 Saudi Arabia: secret beauty/ Victor W. Ziegler; translated into Arabic by Yousseya Abou-Hadid.- 1st ed.- [S.l.] : Christor, 1990.

[50] p. : col. ill. ; 22X27 cm.

Text in German, English, Arabic. -

With Arabic title at end paper : المملكة العربية

السعودية: الجمال الخفي

ISBN 3-900938-63-8

1. Saudi Arabia - Pictorial works.

I. Abu Hadid, Yousseya, tr. II. Title

06299

953.10016

In 7 Institute of Public Administration. Library

1981 Library and Documentation Center, Riyadh

IPA library's collection on Saudi Arabia/ Institute of Public Administration.- Riyadh : Institute of Public Administration, 1981.

81 leaves ; 27 cm.

Includes index.

1. Saudi Arabia - Bibliography.

2. السعودية - بيبليوجرافيات. I. Title

06300

953.10016

In 7-Institute of Public Administration. Library

2nd e and Documents Center. Reference Services

1983 Information sources on Saudi Arabia/ Insitute of Public Administration, Library



and Documents Center, Reference Services.-  
2nd ed.- Riyadh : Institute of Public  
Administration, 1983.

v, 437 p. ; 28 cm.

Includes index.

1. Saudi Arabia - Bibliography.

2. السعودية - البايوجرافيات الوطنية. I. Title

**06301**

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In 7 Institute of Public Administration Library  
3rd e (Riyadh)

1989 Information sources on Saudi Arabia: a  
bibliography of English materials in the library  
of the Institute of Public Administration/  
Institute of Public Administration Library.- 3rd  
ed.- Riya: Institute of Public Administration  
Library, 1989.

532 p. ; 28 cm.

Includes index.

1. Saudi Arabia - Bibliography.

2. السعودية - بايوجرافيات. I. Title

**06302**

953.104

A 11 Ababtain, Abdullah M.

1978 The relations between Ibn Sa'ud of  
Nejd and Sharif Hussein of the Hijaz  
between 1902 and 1926/ by Abdullah M.  
Ababtain, 1978.

60, 22 leaves : ill. ; 29 cm.

Thesis (M.A.)- Portland State University,  
1978. - Also available microfiche no. 1100. -  
Bibliography: l. 55-60.

1. Najd (Saudi Arabia) - Foreign  
relations - Hijaz. 2. Najd (Saudi Arabia) -  
History. 3. Abdulaziz ibn Abdulrahman Al-  
Saud, 1880 - 1953, King of Saudi Arabia. 4.  
Hijaz - History. 5. Hussein Ibn Ali, 1856-  
1931, King of Hijaz. 6. العلاقات - الحجاز  
- السعودية. I. Title

**06303**

953.104

H 361 Al-Hefdh, Yahya S.

1989 British involvement in the affairs of  
Najd and the Hijaz, 1914-1934/ by Yahya  
S. Al-Hefdh, 1989.

ii, 149 leaves ; 28 cm.

Thesis (M.A.) - University of Denver,  
1989. - Bibliography: l. 146-149. - Also  
available microfiche no. 2602.

1. Saudi Arabia - History. 2. Britain -  
Foreign relations - Saudi Arabia. 3. السعودية  
- تاريخ. I. Title

**06304**

953.104

H 369 Helms, Christine Moss

1979 Evolution of political identity in Saudi  
Arabia : delineation of a nation-state 1901-  
1932/ Christine Moss Helms.- Boston Spa.,  
Eng: British Library, Document Supply  
Centre, 1979.

xi, 314 p. : ill., maps ; 28 cm.- (British  
thesis).

Thesis (Ph.D.) - University of  
Oxford, 1979. - Bibliography: p. 299-314.

1. Saudi Arabia - History - To 1926.  
2. Saudi Arabia - Politics and government.  
3. Saudi Arabia - History, 1926-1953.  
4. السعودية - تاريخ. I. Title II. Series

**06305**

953.104

K 848 Kostiner, Joseph

[19-] The making of Saudi Arabia, 1917-1936/  
by Joseph Kostiner,  
[19-]; 28 cm.

Thesis (Ph.D.) - University of  
London, 19- - Bibliography: l. 499-510.

1. Saudi Arabia - History. 2. Arabian  
Peninsula - History. 3. Saudi Arabia -  
Politics and government. 4. تاريخ -  
السعودية. I. Title

**06306**

953.104

S 13 Shabeen, Saifuddin Husain

[199-] Unification of Saudi Arabia : historical  
narrative/ by Saifuddin H. Shabeen.-  
Riyadh : Ashibil, [199-?].

77 p. ; 24 cm.

1. Saudi Arabia - History. 2. Abdulaziz  
ibn Abdulrahman Al-Saud, 1880-1953, King  
of Saudi Arabia. I. Title

**06307**

953.105

**B 765 Brief pictorial guide to Saudi Arabia/**  
[197-] compiled and edited by Said Salah.-

Alkhobar: International Publications  
Agencies, [197-].

ca. 164 p. : ill., maps. ; 24 cm.

1. Saudi Arabia - History - Pictorial  
works. 2. Saudi Arabia - Social life and  
customs - Pictorial works. I. Salah, Said,  
comp.

**06308**

953.105

**K 45 Keradjaan Saudi Arabia dalam masa**  
1956 **barunja** .-Djakarta, Indonesia:

Kedutaan Keradjaan Saudi Arabia  
Djakarta, 1956.

89 p. : ill., map, ports. ; 21 cm.

Text in Indonesian language.

1. Saudi Arabia - History. 2. Saudi  
Arabia - Economic policy. I. McKinnon, Michael,  
Kedutaan Keradjaan (Indonesia), corp.

**06309**

953.105

**K 59 Kingdom of Saudi Arabia [Video recording]**

1995 **towards 21st century/** director: John  
Lyte; producer: Michall McKinnon;  
narrator: Michael Jayston; script: John  
Hackney; editor: Mike Corden, Revised  
.- Dhahran: Saudi Aramco, 1995.

1 video cassette (VHS) (ca.57min) :  
sd., col.

1. Saudi Arabia - History. 2. Saudi Arabia -  
Economic conditions. I. McKinnon, Michael,  
prod. II. Jayston, Michael, comm. III.  
Hackney, John, creat. IV. Corden, Mike, ed.

**06310**

953.105

**A 11 Arabia Saudi. Ministerio de Informacion.**

1994 **La Informacion Exterior**

Marcha del bien y ofrecimiento/ El  
Reino de Arabia Saudi, Ministerio de  
Informacion, le Informacion Exterior.- 1st  
ed.- [Riyadh] : Ministerio de Informacion,  
1415 H, 1994.

160 p. : col.ill. ; 24 cm.

1. Saudi Arabia - History. 2. Saudi  
Arabia - Economic conditions. I. Title

**06311**

953.105

**D 719 Donzel, E. J. Van**

1985 **King Abdul Aziz and the Dutch legation in  
Jedda=** الملك عبدالعزيز والقنصلية الهولندية في جدة  
/E.J. Van Donzel. Early Austrian contacts  
with Ibn Saud during World War 1 =  
الاتصالات النمساوية للبكرة بين سعود خلال الحرب  
الاولى /E. Van Donzel and Hans Weis.-  
Riyadh : Imam Muhammad ibn Saud  
Islamic University, 1985.

12, 29 leaves : map. ; 29 cm.

Papers presented to the International  
Conference on the History of King Abd  
Al-Aziz, 19-23/3/1406 A.H. - 1-5/12/1985  
A.D.,

1. Saudi Arabia - History - Congresses.  
2. Abdulaziz ibn Abdulrahman Al-Saud,  
1880-1953, King of Saudi Arabia. I. Title

**06312**

953.105

**R 812 Royaume d'Arabie Saoudite . Ministere  
1992 de l'Information . Affaires  
d'Information . Information  
Interieure**

Tel est notre pays/ Royaume d'Arabie  
Saoudite, Ministere de l'Information,  
Information Interieure.- Riyadh : Ministere  
de l'Information, 1992.

249 p. : col. ill., maps., ports. ; 24 cm.

1. Saudi Arabia - Description and  
travel. 2. Saudi Arabia - History. I. Title

**06313**

953.105

**R 812 Royaume d'Arabie Saoudite . Ministere**

1993 **de l'Information . Information  
Exterieure**

Construction et developpement/ Royaume  
d'Arabie Saoudite, Ministere de l'Information.  
Information Exterieure.- Jeddah: Ministere de  
l'Information, 1414H, 1993.

- 175 p. : col. ill., ports. ; 28 cm.  
 1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. I. Title  
**06314**
- 953.105  
**S 85 Saudi Arabia . Informationsministerium**  
 [197-] Saudi Arabien/ Saudi Arabia, Informationsministerium.- Riyadh : Informationsministerium,[197-].  
 ca. 152 p. : chiefly col.ill., ports. ; 31 cm.  
 1. Saudi Arabia - History - Pictorial works. 2. Saudi Arabia - Social life and customs - Pictorial works. I. Title  
**06315**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [19-] Kingdom of Saudi Arabia/ by the Ministry of Information.- Riyadh : Ministry of Information,[19-].  
 84 folded leaves : col.ill., maps, ports. ; 30 cm.  
 1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. 3. Saudi Arabia - Economic policy. 4. Saudi Arabia - Social conditions. 5. Education - Saudi Arabia. 6. السعودية - تاريخ. I. Title  
**06316**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [198-] Kingdom of Saudi Arabia = Le Royaume de L'Arabie Saoudite = Konigreich von Saudi-Arabien/ Kingdom of Saudi Arabia, Ministry of Information.- Riyadh : Ministry of Information,[198-].  
 156 p. : col.ill., maps, ports. ; 30 cm.  
 1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. 3. السعودية - تاريخ. I. Title II. Title: Le Royaume de l'Arabie Saoudite III. Title: Konigreich von Saudi-Arabien  
**06317**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [196-] Saudi Arabia as seen by the world press/ Ministry of Information.- Riyadh : Ministry of Information, [196-].  
 148 p. : ill., ports ; 29 cm.  
 1. Saudi Arabia - Foreign public opinion. 2. Faisal ibn Abdulaziz Al Saud, 1905-1975, King of Saudi Arabia. 3. Saudi Arabia - History. I. Title  
**06318**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [19-] Saudi Arabia: land of achievement/ Ministry of Information.- Jeddah : Ministry of Information,[19-].  
 v. p. ca. 100 p. : ill (some col.), map, ports ; 24 cm.- ( Saudi Arabia. Ministry of Information ; no. 8).  
 1. Saudi Arabia - Description and travel.  
 2. Saudi Arabia - History. 3. السعودية - تاريخ. I. Title II. Series  
**06319**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [197-] The Kingdom of Saudi Arabia : progress and development/ Ministry of Information.- Riyadh: Ministry of Information, Kingdom of Saudi Arabia, [197-].  
 66 p. : col.ill., maps, ports. ; 16X17 cm.  
 1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. 3. Saudi Arabia - Politics and government . I. Title  
**06320**
- 953.105  
**S 85 Saudi Arabia. Ministry of Information**  
 [198-] The Kingdom of Saudi Arabia : history, civilization, and development : 60 years of achievements/ Ministry of Information, Foreign Information.- Riyadh : Ministry of Information,[198-].  
 159 p. : col. ill., map, ports. ; 17X24 cm.  
 1. Saudi Arabia - History. 2. Saudi Arabia - Economic conditions. 3. Saudi Arabia - Economic policy. 4. السعودية - تاريخ. I. Title  
**06321**

953.105

S 85 Saudi Arabia . Ministry of Information .  
1992 Foreign Information

Construction and growth/ Kingdom  
of Saudi Arabia, Ministry of Foreign  
Information.- [Riyadh] : Ministry of  
Information, 1992.

175 p. ; 28 cm.

1. Saudi Arabia - History. 2. Saudi  
Arabia - Economic conditions. I. Title

06322

953.105

S 85 Saudi Arabia . Ministry of Information .  
199- Foreign Information

Kingdom of Saudi Arabia : history,  
civilization, development/ Kingdom of  
Saudi Arabia, Ministry of Information,  
Foreign Information.- Riyadh : Ministry  
of Information, Foreign information, 199-.

84 p. : col. ill., map, ports. ; 21 cm.

1. Saudi Arabia - History. 2. - السعودية  
تاريخ. I. Title

06323

953.105

S 85 Saudi Arabia. Ministry of Information

[196-] Kingdom of Saudi Arabia : pictures  
and figures = Le Royaume D'Arabie  
Seoudite : images et chiffres = El Reino  
de Arabia Saudita : imagenes y Cifras/  
Ministry of Information.- Riyadh :  
Ministry of Information, [196-].

ca 60 p. : ill., ports. (Some col.) ;  
21X27 cm.

Text in English, French and Spanish.

1. Saudi Arabia - History. 2. Saudi  
Arabia - Social conditions. 3. Economic  
development projects - Saudi Arabia.  
4. Saudi Arabia - Economic conditions.  
5. السعودية - تاريخ. I. Title II. Title: Le  
Royaume d'Arabie seodite images et  
chiffres III. Title: El Reino de Arabia  
Saudita imagenes y cifras

06324

953.105

S 85 Saudi Arabian T.V.

[199-] Building a new Saudi society [video  
recording]/ Saudi Arabian T.V.; script by  
Guy Dugdale; directed by Mohammad M.  
Al-Toibi; produced by ARA International  
Productions.- Riyadh : ARA International  
Productions, [199-].

1 video cassette (VHS) (ca. 15 min.) :  
sd., col. ; 19 cm.- ( Saudi).

1. Saudi Arabia - History. 2. السعودية  
تاريخ. I. Dugdale, Guy, auth. II. Al-  
Toibi, Mohammad M., d. III. ARA  
International Productions, corp. IV. Title.  
IV. Series

06325

953.105

S 13 Shaheen, Saifuddin Husain

1993 Die vereinigung von Saudi-Arabien ein  
historischer uberblick/ Saifuddin H.  
Shaheen.- 1st ed.- Riyadh : Dar Al-Ufuq,  
1993.

64 p. : ill. (Some col.), ports. ; 24 cm.  
ISBN 9960-9002-7-4

1. Saudi Arabia - History. 2. Abdulaziz  
ibn Abdulrahman Al Saud, 1880-1953, King  
of Saudi Arabia. 3. السعودية - تاريخ. I. Title

06326

953.105

S 13 Shaheen, Saifuddin Husain

1993 Relato historico de la unificacion de  
Arabia Saudi/ por Saifuddin H. Shaheen.-  
1st ed.- Riyadh : Darl Al-Ufuq, 1993.

64 p. : ill, (some col.), ports. ; 24 cm.  
ISBN 9960-9002-2-3

1. Saudi Arabia - History. 2. Abdul  
aziz ibn Abdulrahman Al Saud 1880 -  
1953, King of Saudi Arabia d. 1953. 3.  
السعودية - تاريخ. I. Title

06327

953.105

S 13 Shaheen, Saifuddin Husain

1993 Unification de l'Arabe Saoudite: apercu  
historique/ par Saifuddin H. Shaheen.-  
Riyadh : Dar Al-Ufuq, 1993.

- 64 p. : ill. (some col.), ports. ; 24 cm.  
ISBN 9960-9002-3-1
1. Saudi Arabia - History. 2. Abdul aziz ibn Abdulrahman Al Saud 1880 - 1953, King of Saudi Arabia. 3. - السعودية تاريخ - العصر الحديث. I. Title
- 06328**
- 953.105  
S 13 **Shaheen, Saifuddin Husain**  
2nd e Unification of Saudi Arabia: a historical 1993 narrative/ by Saifuddin H. Shaheen.- 2nd ed.- Riyadh : Dar Al-Ufuk, 1993.  
64 p. : ill. (some col.), ports. ; 24 cm.  
ISBN 9960-9002-1-5
1. Saudi Arabia - History - 20th century. 2. Abdulaziz ibn Abdulrahman Al Saud 1880 - 1953, King of Saudi Arabia. 3. تاريخ - السعودية. I. Title
- 06329**
- 953.10505  
S 85 **Saudi Arabia yearbook**. - 1979/80- - 1979/80- Lebanon: The Research and Publishing House.-Riyadh: Research and Publishing House, 1979/80-  
v. ; 30 cm.  
Annual.- Library has: 1979/80, 1980/81.
1. Saudi Arabia - History - Periodicals.
  2. Saudi Arabia - Politics and government - Periodicals. I. Research and Publishing House, (Beirut), corp.
- 06330**
- 953.106  
S 85 **Saudi Arabia . Directorate General of Broadcasting, Press and Publications**  
Facts about Saudi Arabia, 1953-1958/ Directorate General of Broadcasting, Press and Publications.- [Riyadh] : Directorate General of Broadcasting, Press and Publications, [19-].  
103 p. : ill., map, ports. ; 28 cm.
1. Saudi Arabia - History - 1953-1964. I. Title
- 06331**

- 953.107  
D 137 **Dahlyat, Ismail M.**  
[1976] Faisal speaks / Kingdom of Saudi Arabia, Ministry of Information. - Riyadh: Ministry of information, [1976].  
160 p. : ill., ports. ; 28 cm.
1. Saudi Arabia - History. 2. Saudi Arabia- Politics and government. 3. السعودية تاريخ - I. Title
- 06332**
- 953.107  
F 17 **Faisal ibn Abdulaziz Al Saud, 1905 - 1975, 1971 King of Saudi Arabia**  
Royal speech at Banquet given by H.M. King Faisal in Mecca for notable pilgrims on Dhul Hijah, 6, 1390 A.H. corresponding to Feb., 1971/ H. M. Faisal.- Riyadh : Ministry of Information, 1971.  
14 p. : ill., port. ; 19 cm.
1. Saudi Arabia - Kings and rulers .
  2. Leadership - Religious aspects - Islam. I. Title
- 06333**
- 953.107  
S 85 **Saudi Arabia. Ministry of Information**  
1963 Prince Faisal Speaks : book w/ Kingdom of Saudi Arabia, Ministry of Information.- Riyadh : Ministry of Information, 1963.  
[120] p. : col. ill. ; 24 cm.
1. Saudi Arabia - History. 2. Saudi Arabia - Politics and government . I. Title
- 06334**
- 953.109  
M 456 **Mazboudi, Wajih**  
1988 A date with tomorrow/ Wajih Mazboudi; translated into English by B.F. Houalla.- 1st ed.- Riyadh : Najd Printing, 1988.  
161 p. : ill. ; 24 cm.  
Includes index.
1. Saudi Arabia - History. 2. - السعودية تاريخ. I. Houalla, B.F., tr. II. Title
- 06335**

953.109

S 85 Saudi Arabian T. V.

1993 The national day of Saudi Arabia [video recording]/ Saudi Arabian T.V.; script: Mohammed Bahaudin; directed by Mohamed Moqbil Al-Otaibi; produced by ARA International Productions.- Riyadh : ARA International Productions,1993.

1 video cassette (VHS) (ca. 49 min.): sd., col.

1. Festivals - Saudi Arabia. 2. Saudi Arabia - Economic conditions. 3. Saudi Arabia - History. 4. اليوم الوطني. I. Bahaudin, Mohammed, ed. II. Al-Otaibi, Mohamed Moqbil, d. III. ARA International Productions, corp. IV. Title V. Series

06336

953.111

J 936 Al-Juhany, Uwaldah Metaireek

1983 The history of Najd prior to the Wahhabis : a study of social, political and religious conditions in Najd during three centuries preceding the Wahhabi reform movement/ by Uwaldah Metaireek Al-Juhany,1983.

viii, 308 leaves : maps. ; 28 cm.

Thesis (Ph.D.) - University of Washington. - Also available microfiche no. 649. - Bibliography: l. 302-308.

1. Central region (Saudi Arabia) - History. 2. Al-Dawa-us-Salafiyah - Saudi Arabia - Central region. 3. Central region (Saudi Arabia) - Social conditions. 4. Najd (Saudi Arabia) - History. 5. نجد (السعودية) - تاريخ I. Title

06337

953.111

H 997 Hyland, Garth

1995 Dir'siyah : a photographer's study/ Garth Hyland.- 1st ed.- Riyadh : Author, 1416 H,1995.

ix, 54 leaves : col.ill. ; 31 cm.

ISBN 9960-27-933-2

1. Diraiyah - History - Photographs. 2. Saudi Arabia - History - Photographs. 3. Extinct Cities - Saudi Arabia - Photographs. I. Title

06338

953.111

S 85 Saudi Arabia. High Commission for the Development of Riyadh

Arriyadh : the city, the life.- Riyadh : Arriyadh Development Authority,[198-]. 13 p. : ill. ; 29 cm.

1. Saudi Arabia - Civilization. 2. Saudi Arabia - History. 3. Riyadh - History. 4. الرياض. I. title

06339

953.111

S 85 Saudi Arabia. High Commission for the Development of Riyadh

Brief profile of the city of Arriyadh.- Riyadh : Arriyadh Development Authority, [198-].

20 p. : ill. ; 29 cm.

1. Saudi Arabia - History. 2. Riyadh - History. I. Title

06340

953.111

S 85 Saudi Arabian T.V.

[199-] Qasr Alhokm district development program [videorecording]/ Saudi Arabian T.V.; research and script Guy Dugdale; directed by Gunnar Bemert; produced by ARA International Productions.- Riyadh : Ministry of Information,[199-].

1 video cassette (VHS) (ca. 45 min.): sd., col.

1.Riyadh- History. 2.Riyadh- Description. 3. الرياض - تاريخ. I. Dugdale, Guy, auth. II. Bemert, Gunnar, d. III. ARA International productions, corp. IV. Title V. Series

06341

953.111

S 85 Saudi Arabian T. V.

[199-] Riyadh [videorecording]/ Saudi Arabian T.V.; research and script: Guy Dugdale; filmed and directed by Gunnar Bemert; a

film by ARA International Productions.-  
Riyadh : Ministry of Information,[199-].

1 video cassette (VHS) (ca. 50 min.) :  
sd., col.- ( Saudi ; no. 46).

1. Riyadh - History. 2. Riyadh -  
Description. 3. الرياض - تاريخ. I. Dugdale,  
Guy, auth. II. Bernert, Gunnar, d. III.  
ARA International Productions, corp. IV.  
Title V. Series

**06342**

953.111

W 641 Wilberding, Stevie

1987 Guide book to the ruins in Dir'ayah/  
by Stevie Wilberding ; photography by  
Isabel K. Cutler.- Riyadh : S. Van C.  
Wilberding Publishing,1987.

54 p. : ill. ; 21 cm.

1. Dir'ayah - Saudi Arabia - History.  
2. Saudi Arabia - History. 3. السعودية -  
تاريخ. 4. تاريخ. I. Cutler,  
Isabel K., photog. II. Title

**06343**

953.119

S 85 Saudi Arabian T. V.

[199-] Qassim region [video recording]/ ARA  
International Productions Co.- Riyadh :  
ARA International Productions,[199-].

1 video cassette (VHS) (ca. 45 min.) :  
sd., col.- ( Saudi ; 28).

1. Al-Qassim (Saudi Arabia) - History. 2.  
Al-Qassim (Saudi Arabia) - Description and  
travel. 3. القصيم (السعودية) - تاريخ. I. Smith,  
Derek, auth. II. Kassem, Medhat, d. III. ARA  
International Productions, corp. IV. Title V.  
Series

**06344**

953.12

Or 1 Al-Orabi, Abdulrahman

1988 The Ottoman policy in the Hejaz in the  
eighteenth century : a study of political and  
administrative developments, 1143-1202  
A.H./1731-1788 A.D./ by Abdulrahman  
Alorabi,1988 .

2 v.(xii, 271 leaves) : maps. ; 29 cm.

Thesis (Ph.D.) - University of Utah,  
1988. - Also available microfiche no.  
2114. - Bibliography: l. 265-271.

1. Hijaz - History. 2. Turkey -  
History - Ottoman Empire, 1288-1918.  
3. الحجاز - تاريخ. I. Title

**06345**

953.12

S 32 Shebl, Abdulaziz S.

1988 The emergence of demise of an  
independent Arab state : the Kingdom of  
the Hejaz, 1916-1925/ by Abdiaziz S.  
Shebl,1988.

xiii, 258 leaves ; 29 cm.

Thesis (Ph.D.) - University of California,  
Los Angeles, 1988. - Also available microfiche  
no. 2065. - Bibliography: l. 244-258.

1. Hijaz - History. I. Title

**06346**

953.12

T 191 Taufik, Farouk M.

1973 History of Al-Hijaz/ by Farouk M.  
Taufik,1973.

v, 59 leaves ; 29 cm.

Thesis (M.A.) - Portland State University,  
1973. - Also available microfiche no. 1128. -  
Bibliography: l. 57-59.

1. Hijaz - History. 2. Western region  
(Saudi Arabia) - History. 3. الحجاز - تاريخ. I.  
Title

**06347**

953.121

S 65 Al-Sinjari, Ali B. Taj al-Din

1993 A critical edition of Manayih al-karam  
fi akhbar Makkah wa-l-bayt wa-walat al-  
Haram/ by Ali b. Taj al-Din al-Sinjari;  
with a historical, economic, and social  
introduction by Muhammad b. Humaydan  
b. Muhammad al-Uwayy al-Harbi,1993.

2 v. : ill. ; 30 cm.

Thesis (Ph.D.) - University of Manchester,  
1993. - Volume 2 contain Arabic text of the  
book. - Bibliography: l. 437-87 (V.1).

1. Makkah Al-Mukaramah - History
2. Makkah Al-Mukaramah - Religious life and customs.
3. Saudi Arabia - History.
4. Al-Sinani, Ali b. Taj al-Din, 1647-1313 - Criticism and interpretation.
5. مكة المكرمة - تاريخ. I. Al-Harbi, Muhammad b Humaydan b. Muhammad Al-Uwaydi, comm. II. Title

**06348**

953.121

M 289 Makky, Ghazy Abdulwahed

- 1978 Mecca, the pilgrimage city : a study of pilgrim accomodation/ Ghazy Abdul Wahed Makky.- London : Croom Helm, for the Hajj Researc Centre, King Abdul Aziz University, 1978.

95 p.,[4] leaves of plates : ill. ; 23 cm.- ( Hajj Research Centre studies ; no. 1).

ISBN 0-85664-591-5

Bibliography: p. 86-88. - Includes index.

1. Makkah Al-Mukaramah - History.
2. Al-Hajj. تاريخ مكة الحجاج. I. Title II. Series

**06349**

953.121016

A 11 Awais, Choudhry Muhammad

- 1990 Makkah al-Mukarramah: a bibliography/ by Ch. Muhammad Awais.- Makkah al-Mukarramah : Umm al-Qura University, 1990.

181 p. ; 24 cm.

Includes index.

1. Saudi Arabia - Bibliography.
2. Makkah Al-Mukaramah - Bibliography.
3. مكة المكرمة - بيبليوجرافيات. I. Title

**06350**

953.122

A 32 Abdullah, Daud

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**مطبوعات**  
**مكتبة الملك فهد الوطنية**  
**السلسلة الثالثة ( ٢٠ )**

**تضم هذه السلسلة بنشر**  
**البيوجرافيات والكتابات والممارس**



# الببليوجرافية الوطنية السعودية

اللغات غير العربية

١٩٤٥ - ١٩٩٥ م

## الجزء السادس عشر

العلوم والتقنية والفنون والآداب والجغرافيا والتراجم والتاريخ

تنسيق ومتابعة

إدارة التنكشيف والببليوجرافية الوطنية

مكتبة الملك فهد الوطنية

الرياض ١٤١٩ هـ / ١٩٩٨ م

هـ ذ ا ب ٢٠٠٦

مكتبة الملك فهد الوطنية  
مملكة العربية السعودية



مطبوعات  
مكتبة الملك فهد الوطنية  
السلسلة الثالثة  
(٢٠)

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